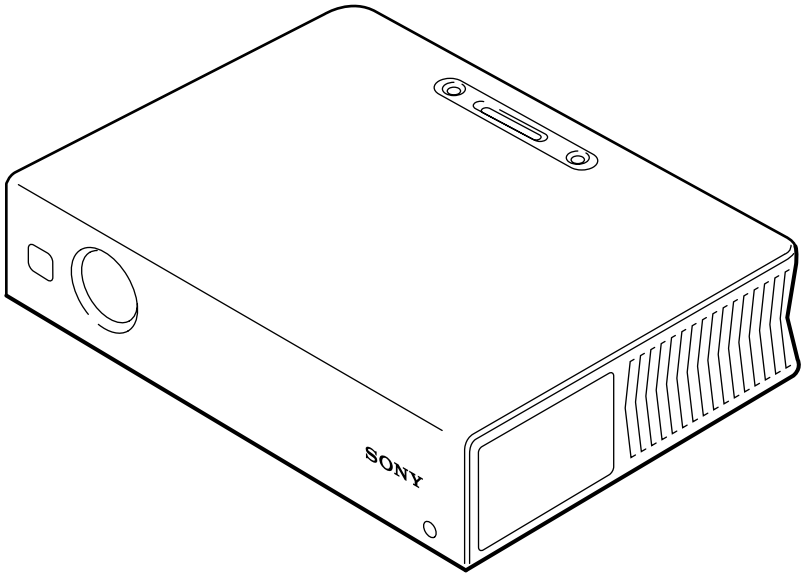
SERVICE MANUAL

MODEL	DEST.	CHASSIS NO.
VPL-CS5	WORLD	
VPL-CX5	WORLD	

MODEL	DEST.	CHASSIS NO.
RM-PJM12	WORLD	



DATA PROJECTOR

SONY

⚠警告

このマニュアルは，サービス専用です。
お客様が，このマニュアルに記載された設置や保守，点検，修理などを行うと感電や火災，人身事故につながることがあります。
危険をさけるため，サービストレーニングを受けた技術者のみご使用ください。

⚠WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.
Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l’entretien. Afin de réduire les risques de décharge électrique, d’incendie ou de blessure n’effectuer que les réparations indiquées dans le mode d’emploi à moins d’être qualifié pour en effectuer d’autres. Pour toute réparation faire appel à une personne compétente uniquement.

WARNING!!

AN INSULATED TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.
THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY A ⚠ MARK ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION!!

AFIN D’ÉVITER TOUT RISQUE D’ÉLECTROCUTION PROVENANT D’UN CHÂSSIS SOUS TENSION, UN TRANSFORMATEUR D’ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DÉPANNAGE.
LE CHÂSSIS DE CE RÉCEPTEUR EST DIRECTEMENT RACCORDÉ Á L’ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS Á LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MAPQUE ⚠ SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIECES SONT D’UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÈCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY.

For the customers in the Netherlands
Voor de klanten in Nederland

Hoe u de batterijen moet verwijderen, leest u in de tekst van deze handleiding.

Gooi de batterij niet weg maar lever deze in als klein chemisch afval (KCA).

Für Kunden in Deutschland

Entsorgungshinweis: Bitte werfen Sie nur entladene Batterien in die Sammelboxen beim Handel oder den Kommunen. Entladen sind Batterien in der Regel dann, wenn das Gerät abschaltet und signalisiert “Batterie leer” oder nach längerer Gebrauchsdauer der Batterien “nicht mehr einwandfrei funktioniert”. Um sicherzugehen, kleben Sie die Batteriepole z.B. mit einem Klebestreifen ab oder geben Sie die Batterien einzeln in einen Plastikbeutel.

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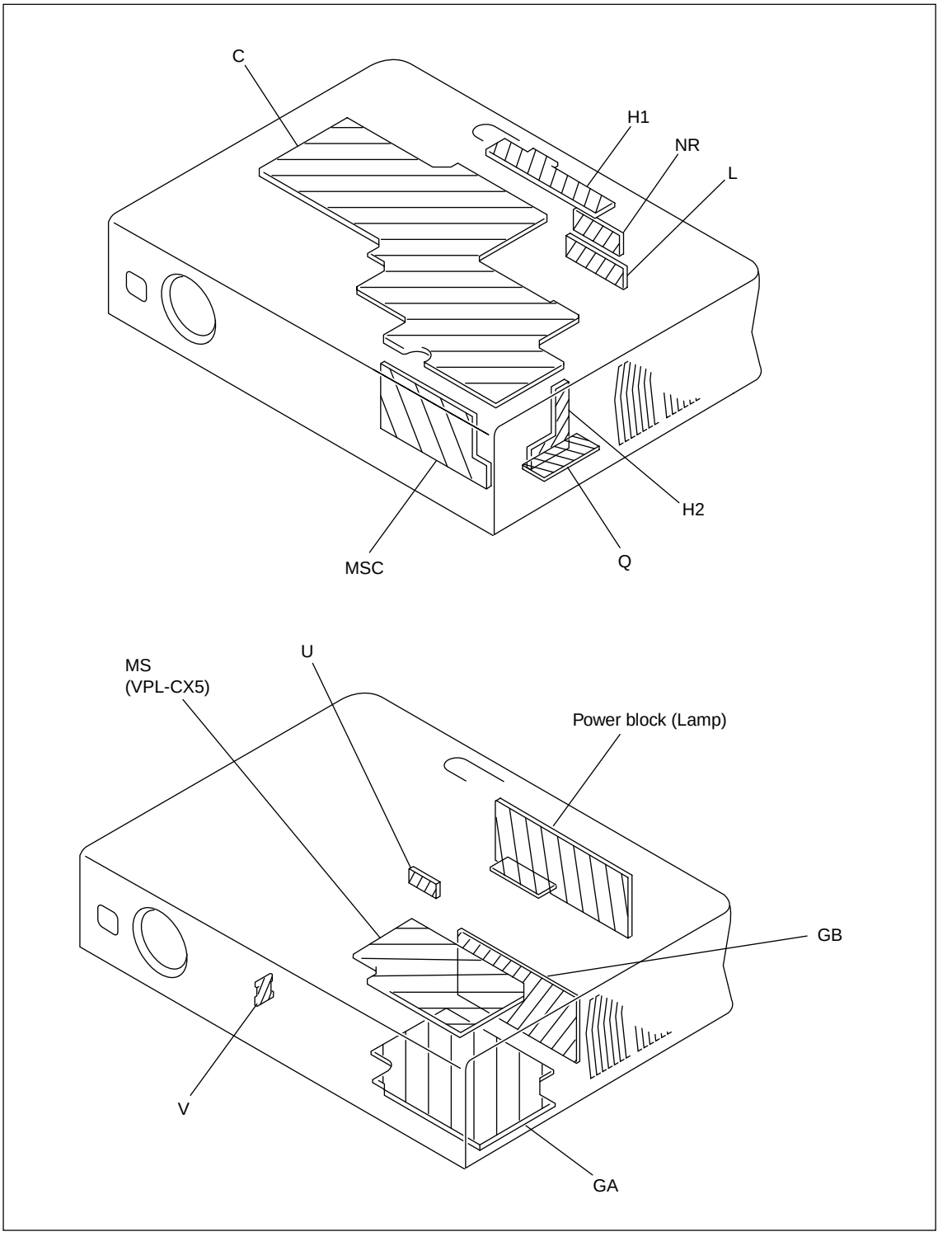
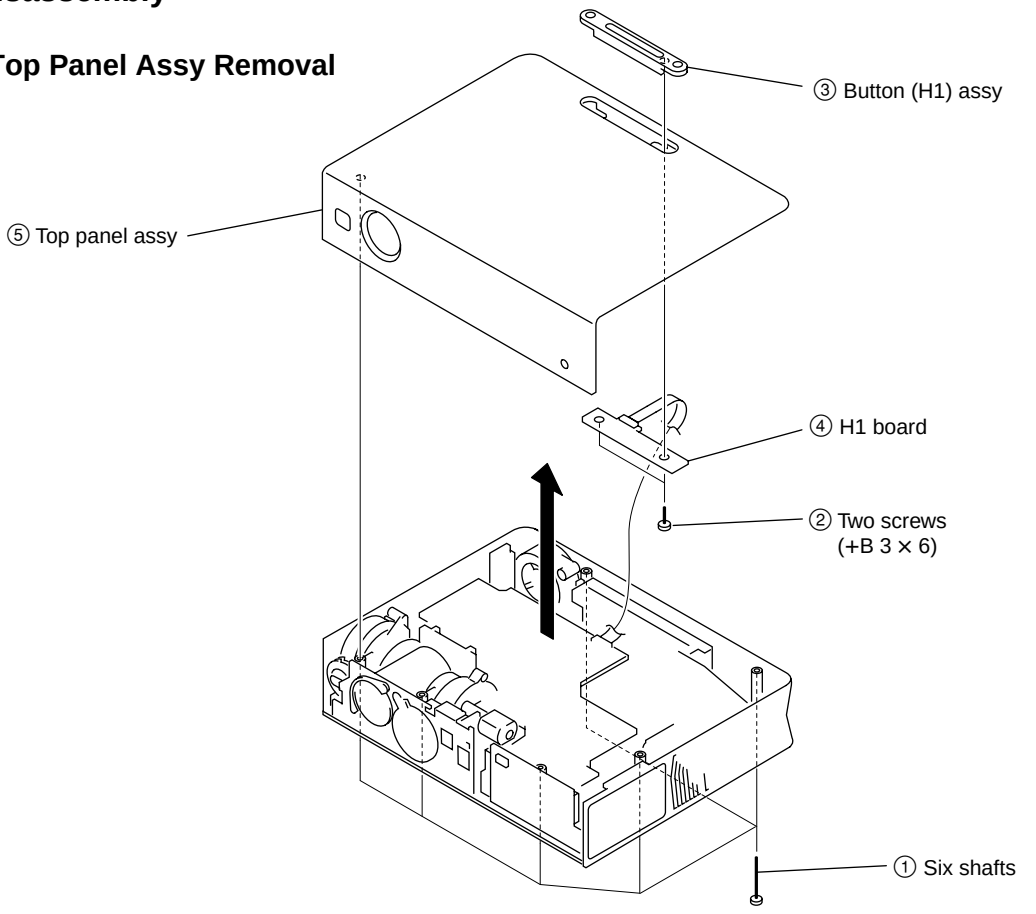
Section 1
Service Information

1-1. Board Layout

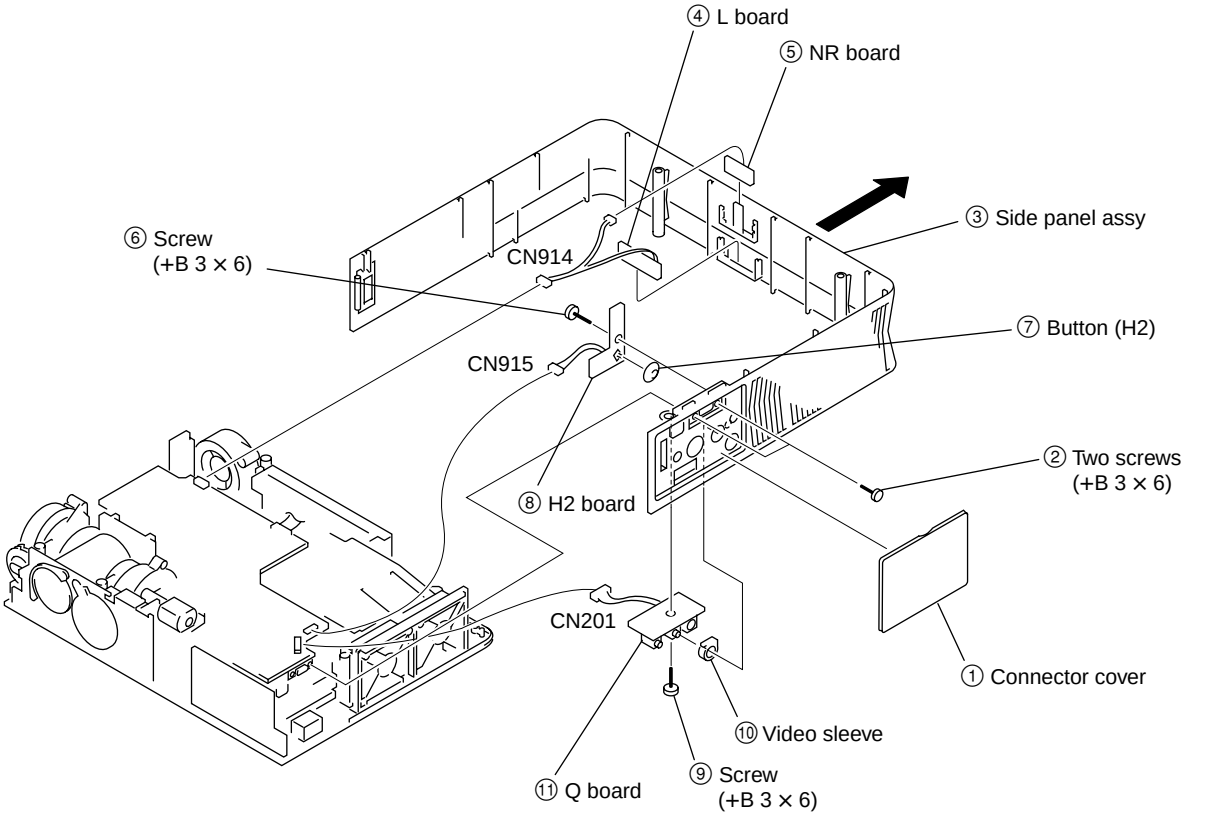


1-2. Disassembly

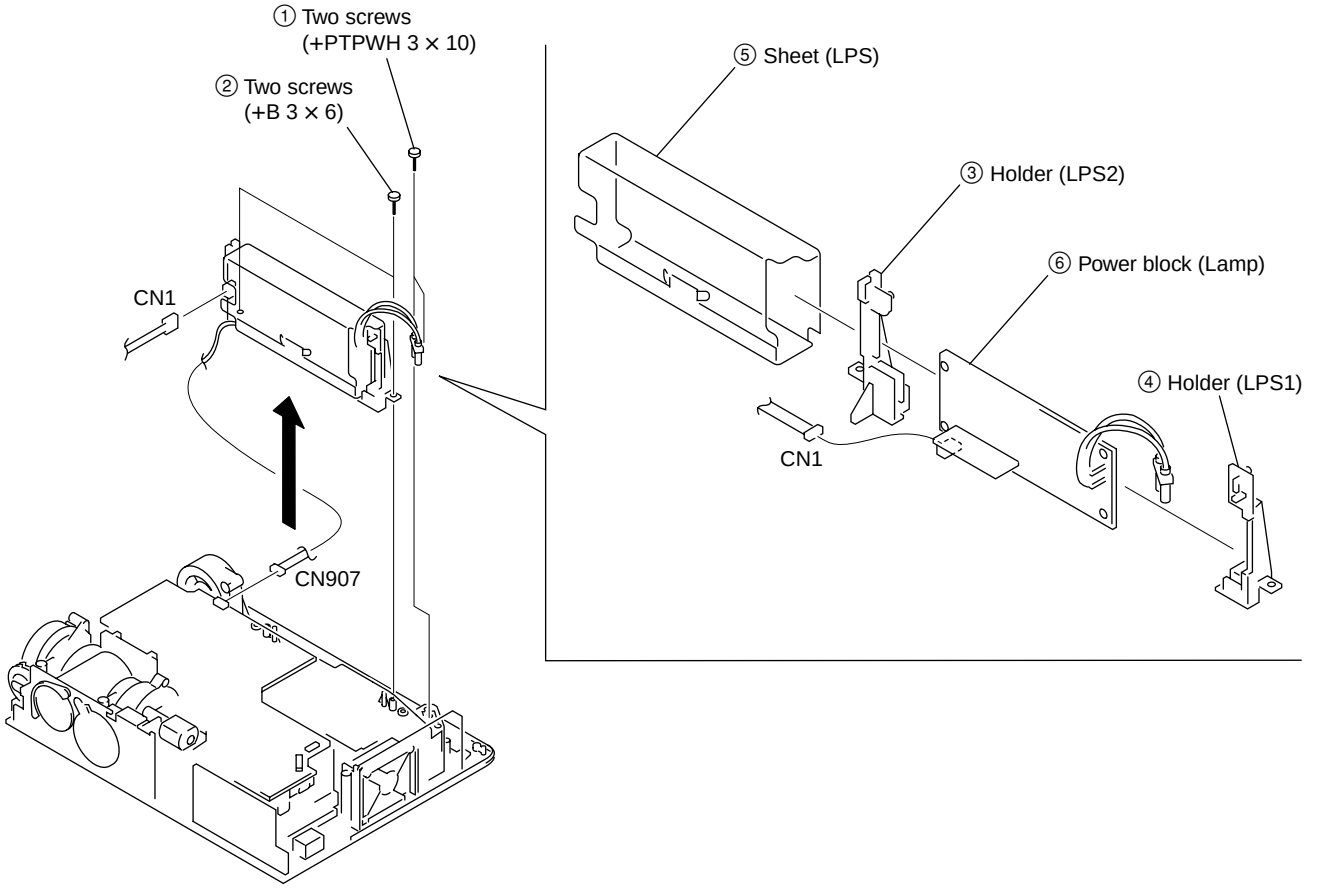
1-2-1. Top Panel Assy Removal



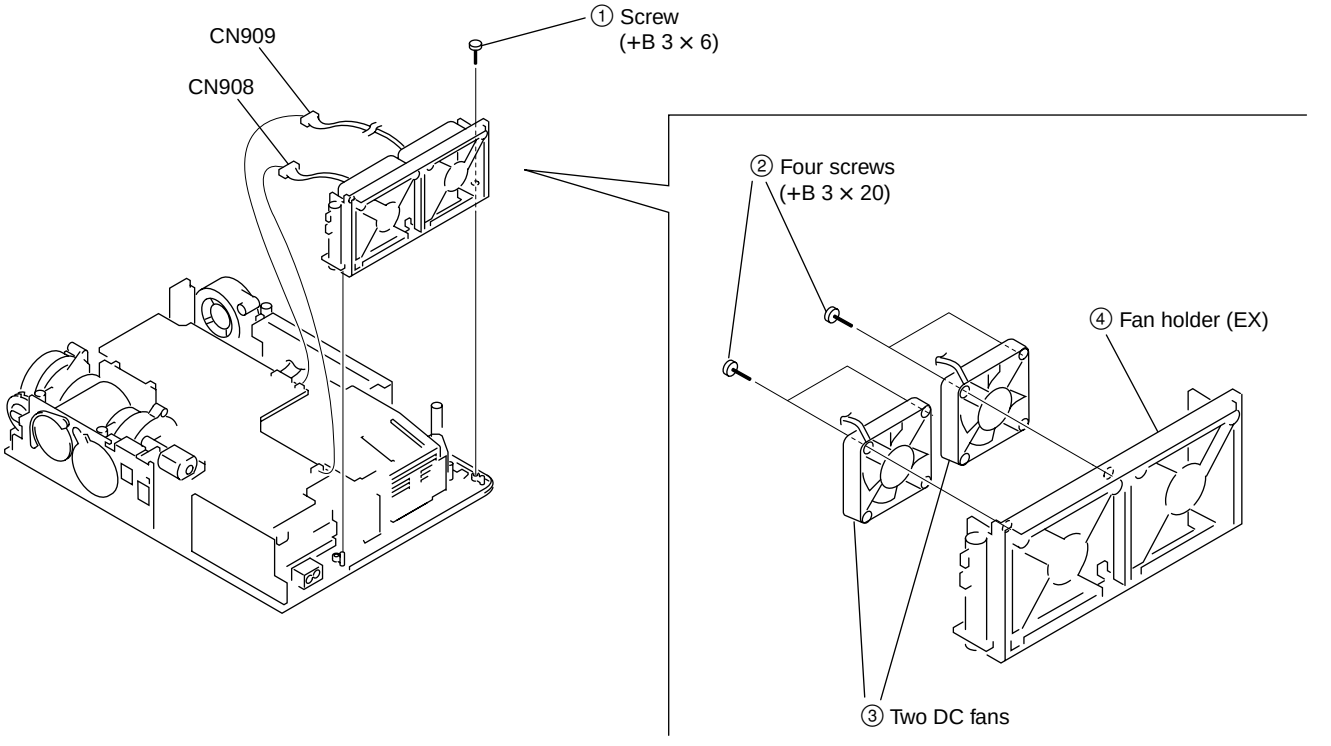
1-2-2. Side Panel Assy and L, NR, H2, Q Boards Removal



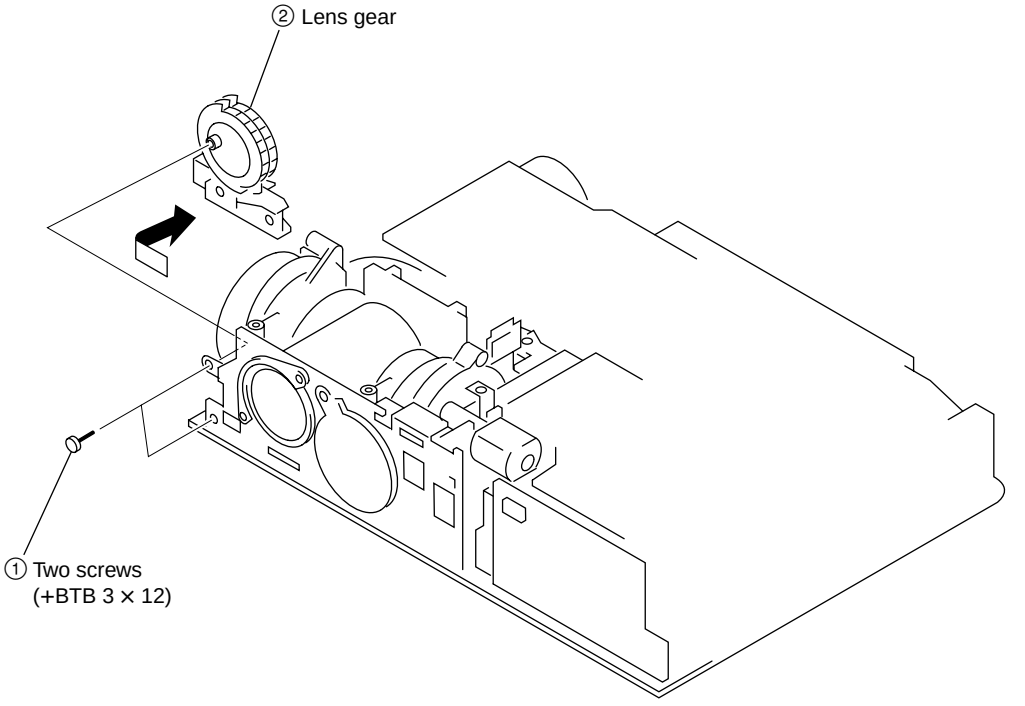
1-2-3. Power Block (Lamp) Removal



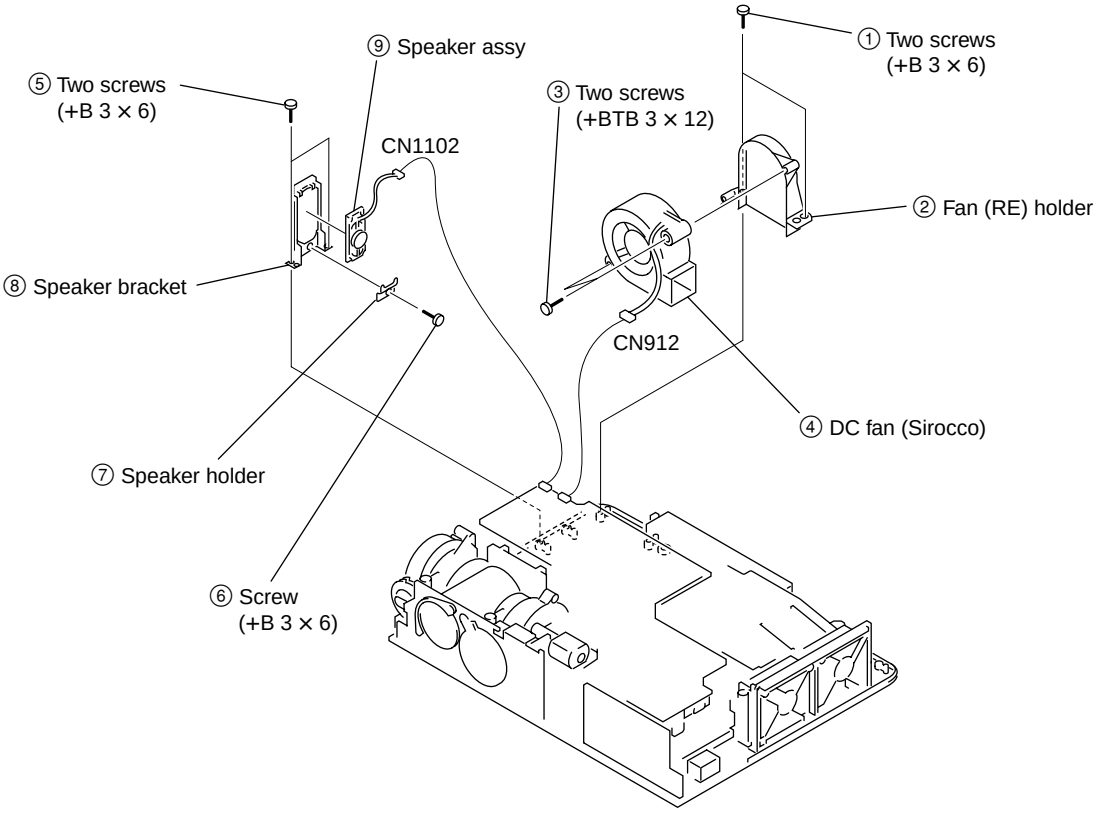
1-2-4. DC Fan Removal



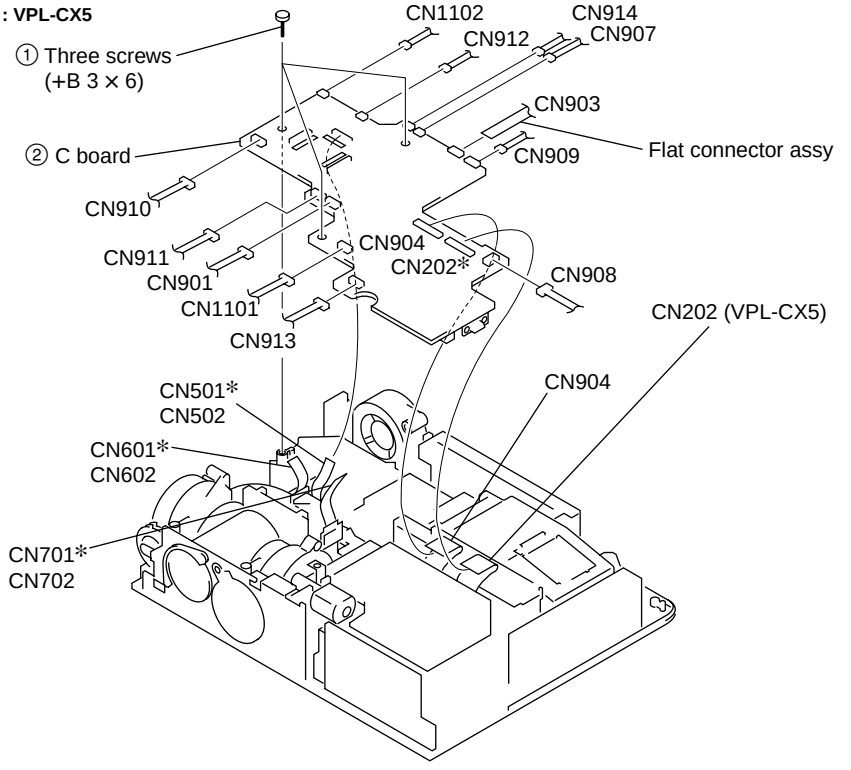
1-2-5. Lens Gear Removal



1-2-6. Speaker Assy and DC Fan (Sirocco) Removal

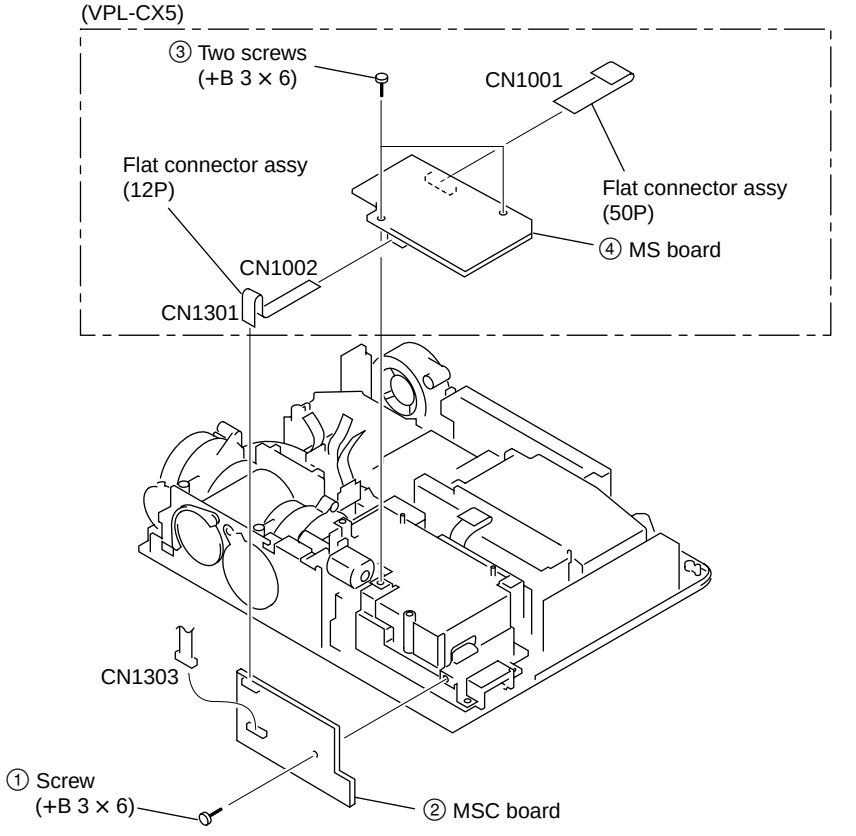


1-2-7. C Board Removal



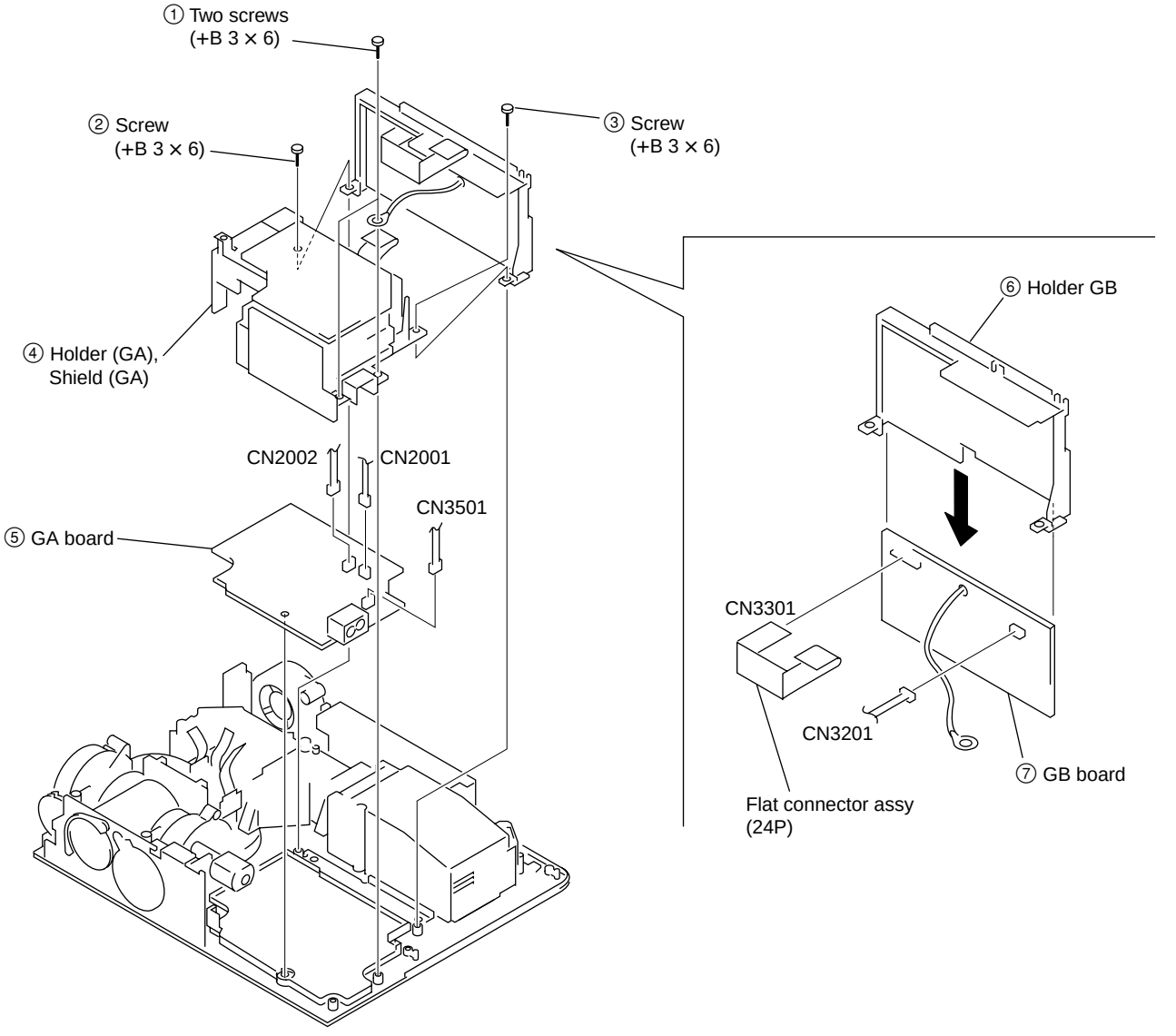
1-2-8. MSC and MS (VPL-CX5) Boards Removal

To remove the MS board, remove the C board beforehand.



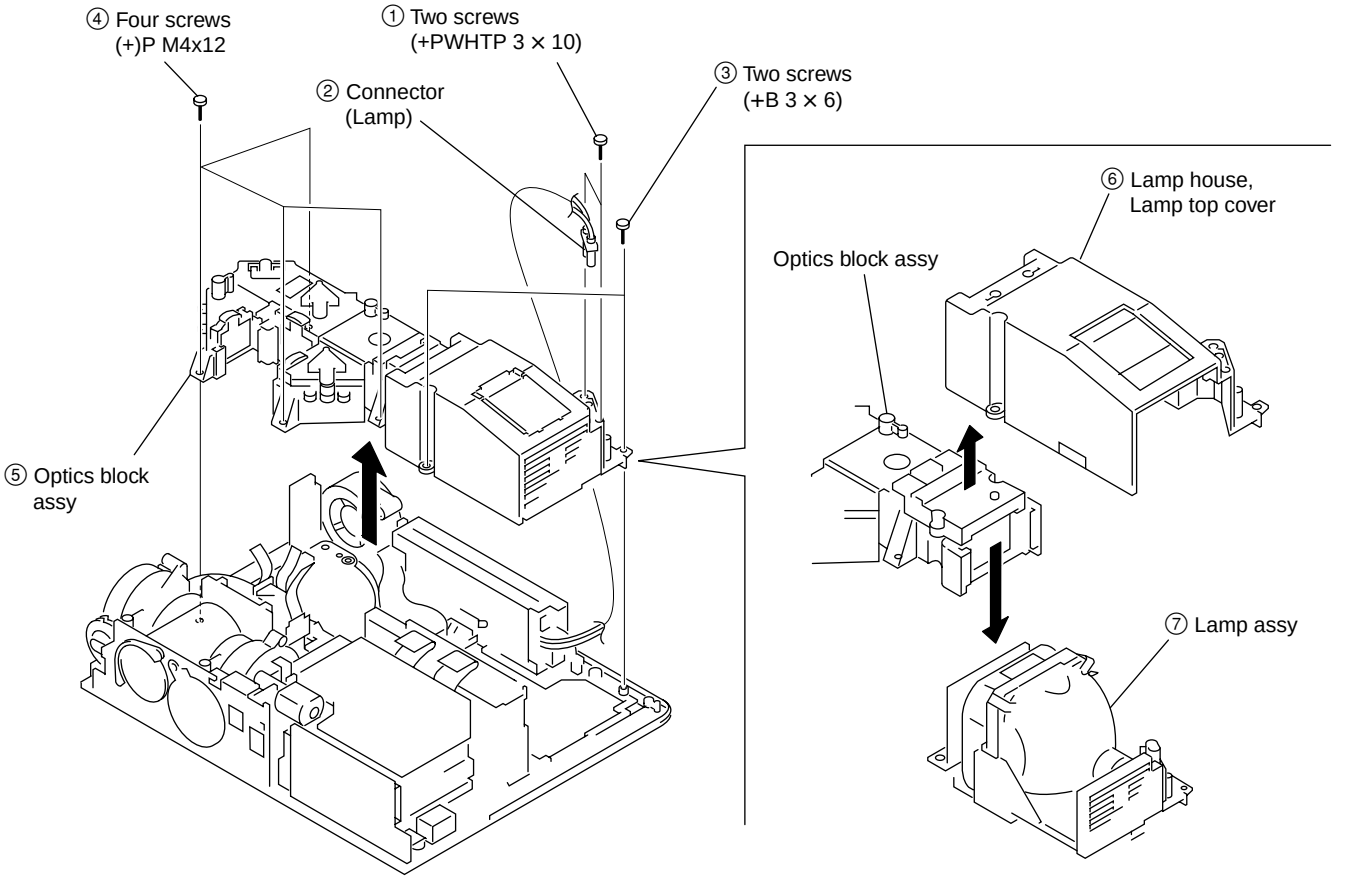
1-2-9. GA and GB Boards Removal

To remove the GA and GB boards, remove the C board beforehand.

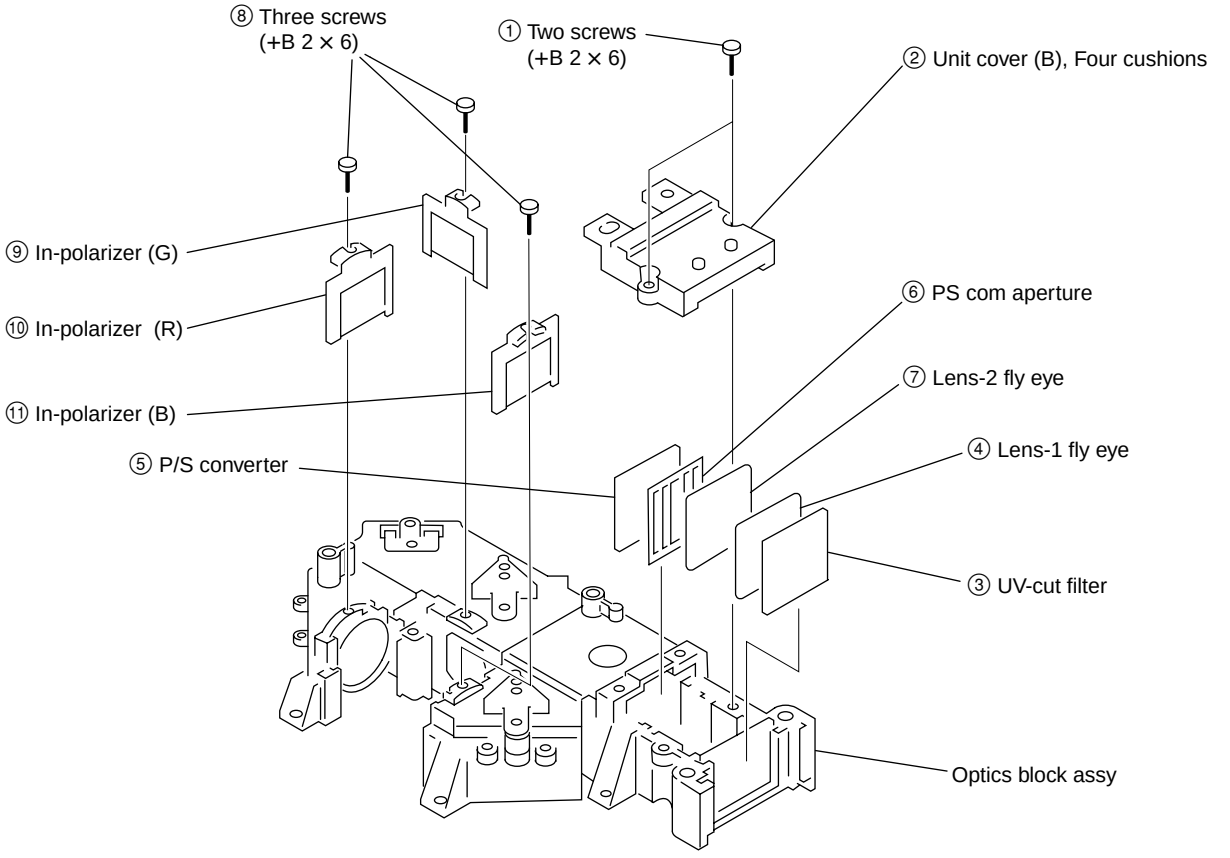


1-2-10. Optics Block Assy and Lamp Assy Removal

To remove the optics block assy and lamp assy, remove the DC fan beforehand.



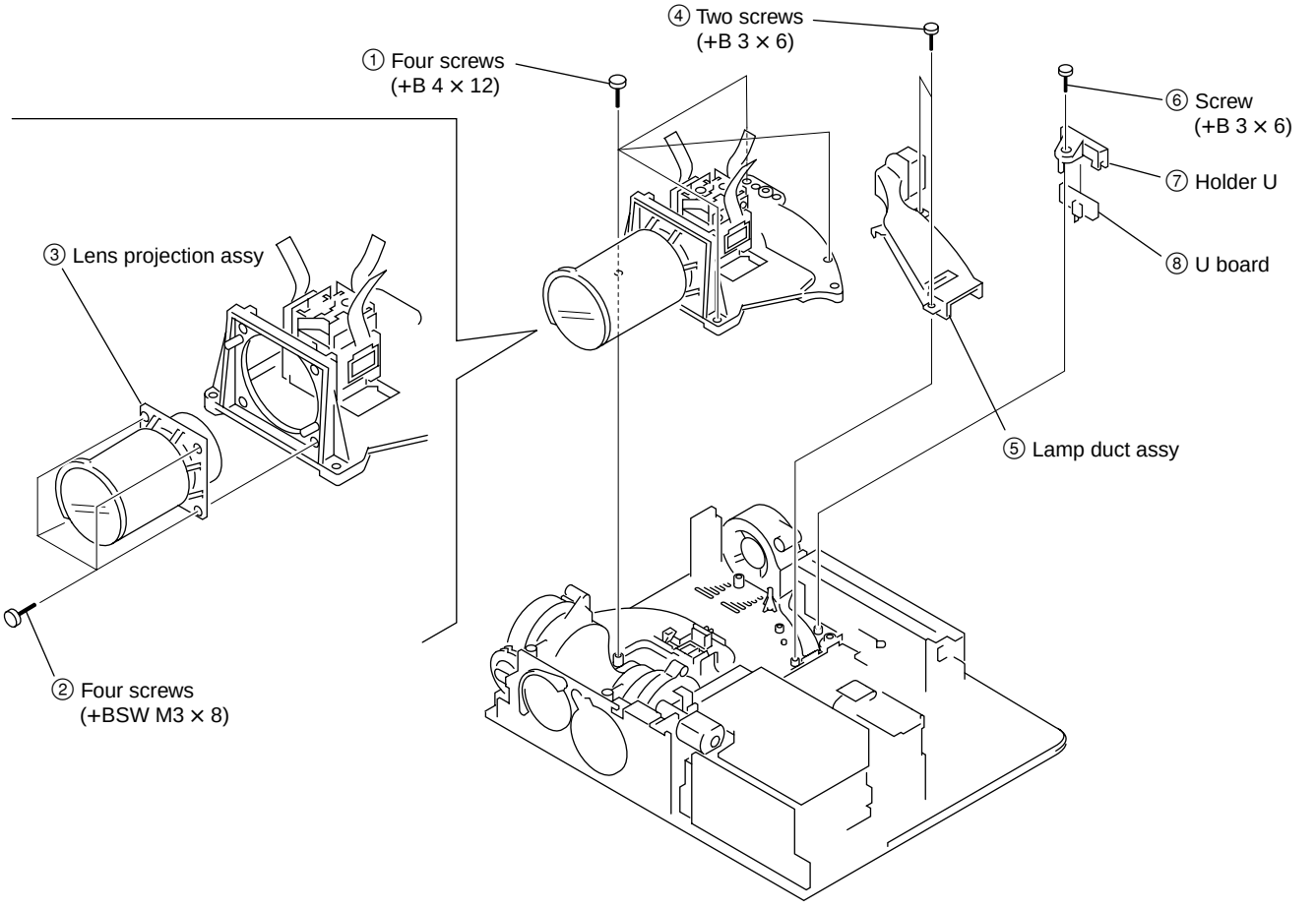
1-2-11. PS Com Aperture and In-polarizer (R), (G), (B) Removal



Note : Do not disassemble the optical block unless specified by the above views.

1-2-12. Lens Projection Assy and Lamp Duct Assy Removal

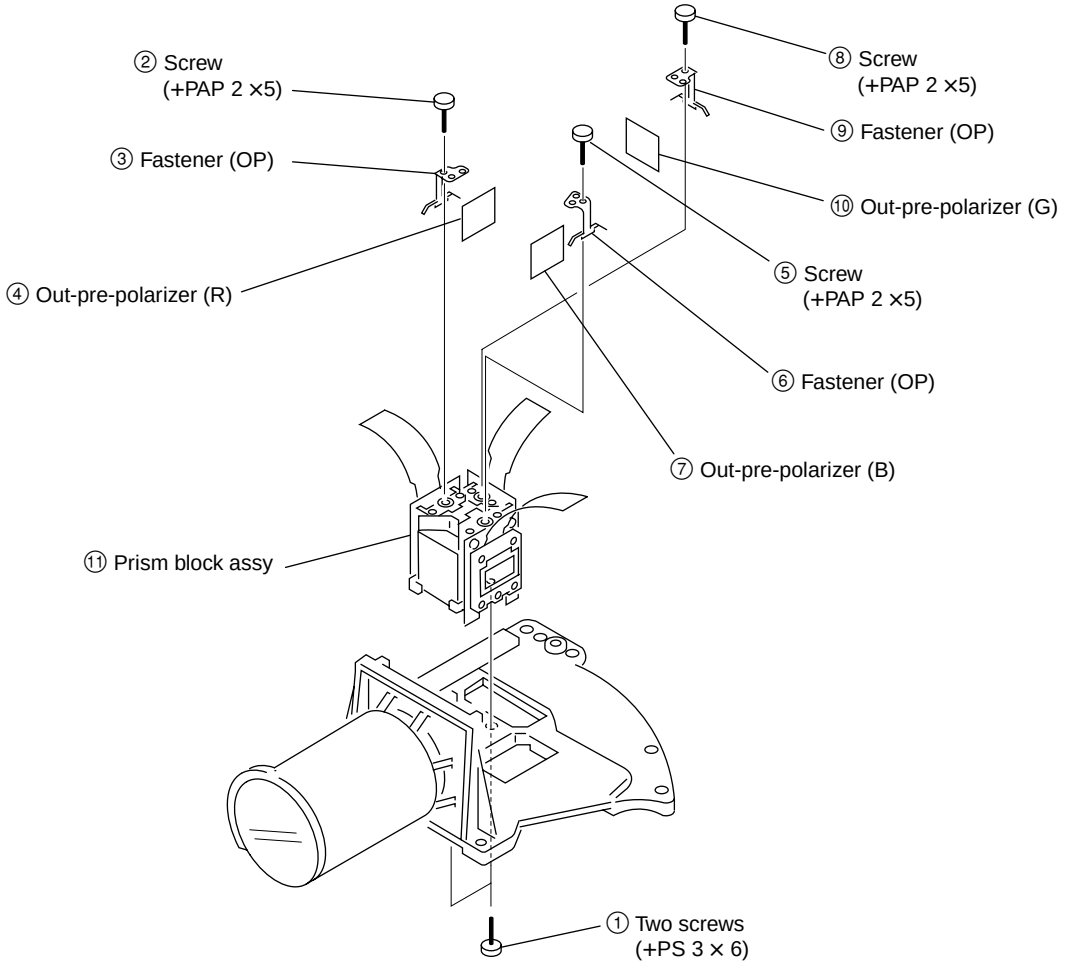
To remove the lens projection assy and lamp duct assy , remove the C board, optics block assy and lamp assy beforehand.



1-2-13. Prism Block Assy and Out-pre-polarizer (R), (G), (B) Removal

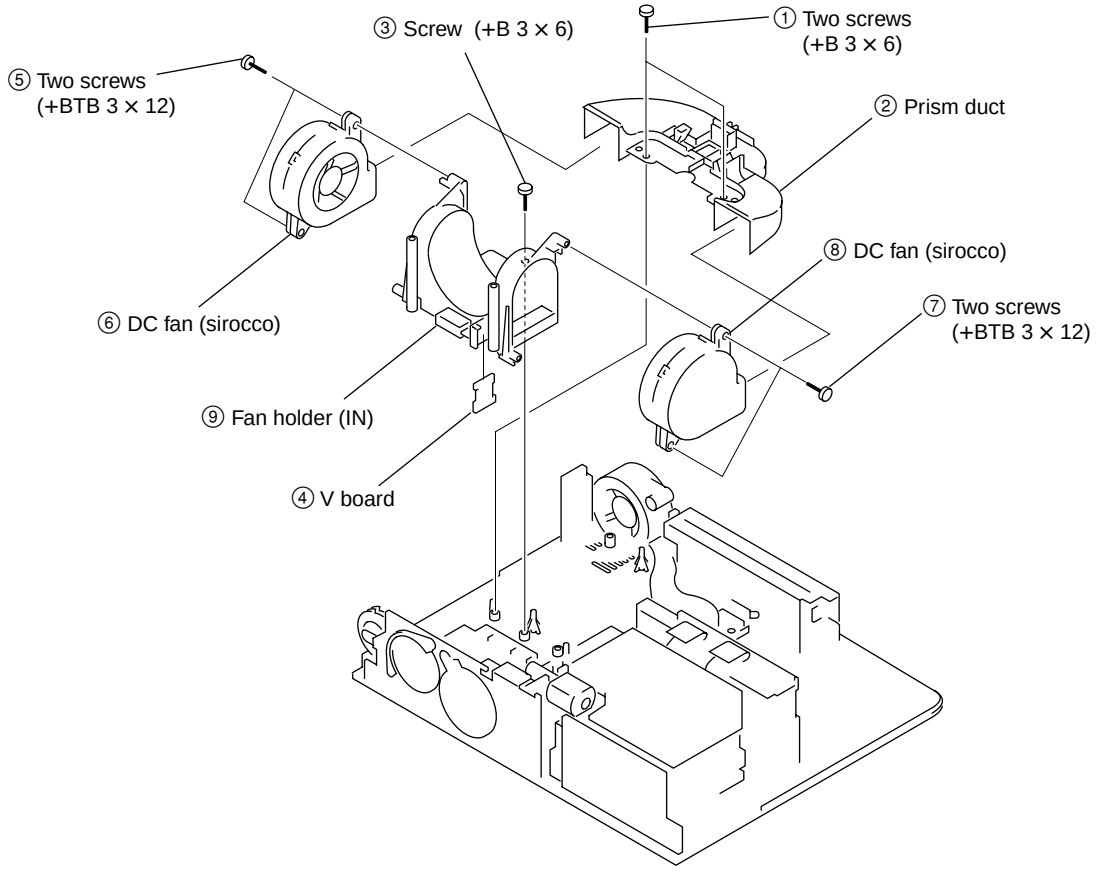
Note

Do not touch the flexible cable, glass surface of prism and especially the conductor surface of flexible cables.



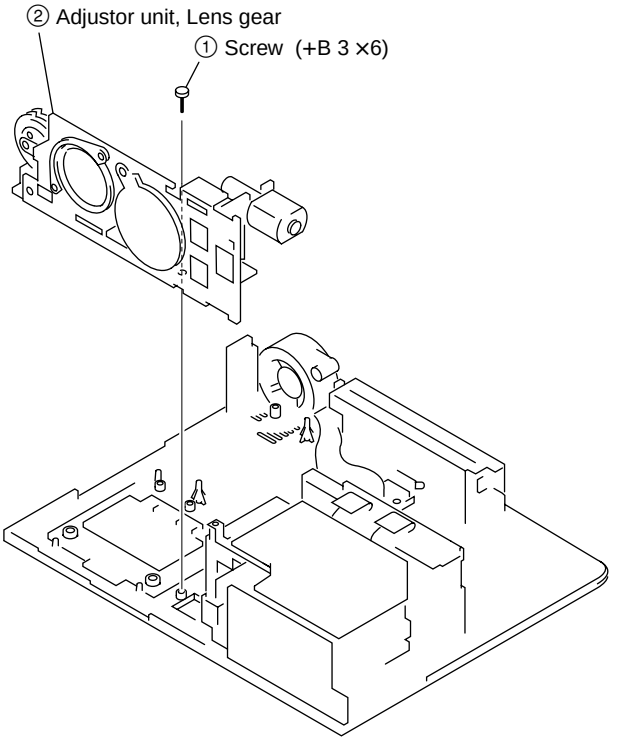
1-2-14. DC Fan (Sirocco) and V Board Removal

To remove the DC fan (sirocco) and V board, remove the C board, optics block assy, lamp assy and prism block assy beforehand.

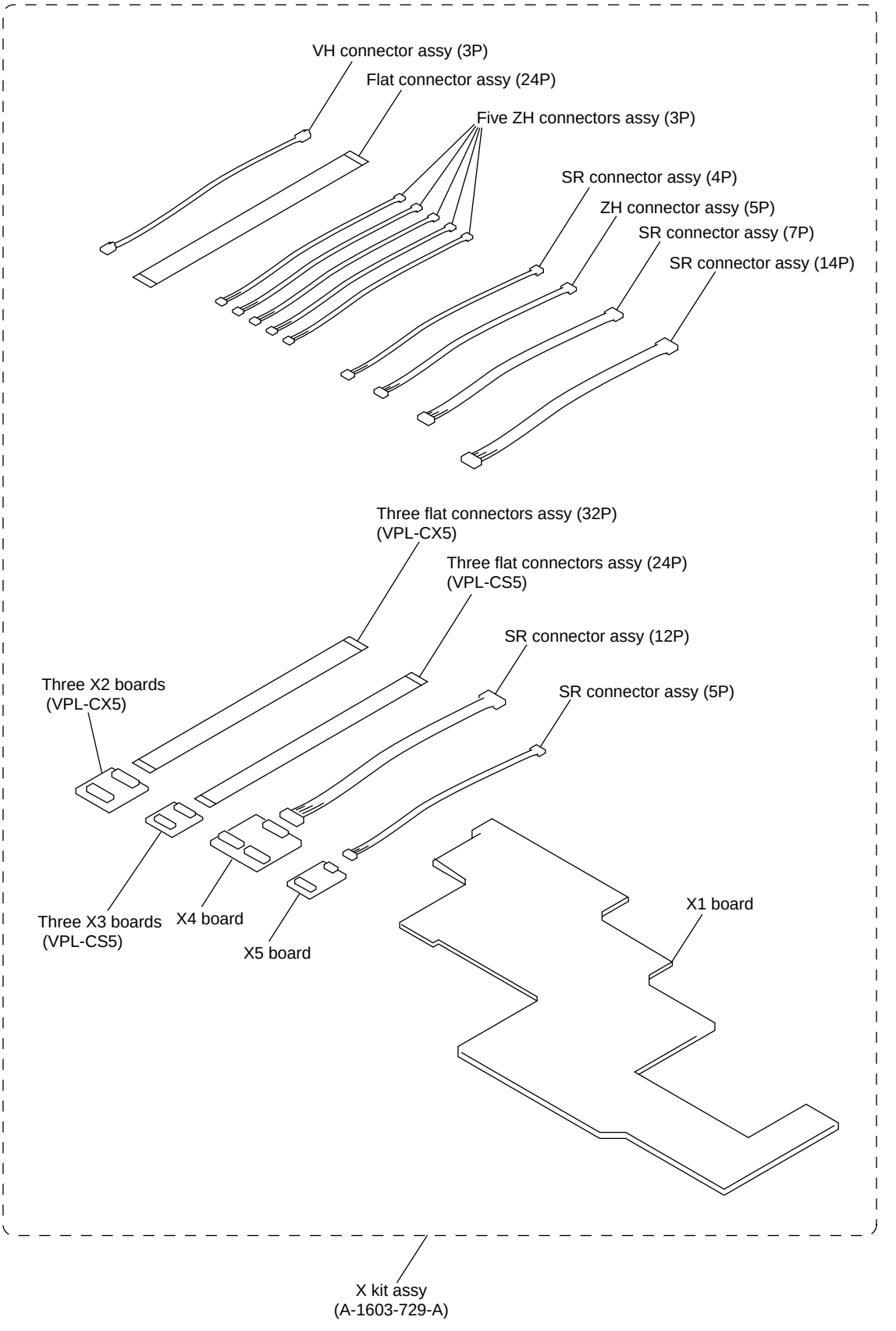

③ Screw (+B 3 × 6)
① Two screws (+B 3 × 6)
⑤ Two screws (+BTB 3 × 12)
② Prism duct
⑧ DC fan (sirocco)
⑥ DC fan (sirocco)
⑦ Two screws (+BTB 3 × 12)
⑨ Fan holder (IN)
④ V board

1-2-15. Adjustor Unit Removal

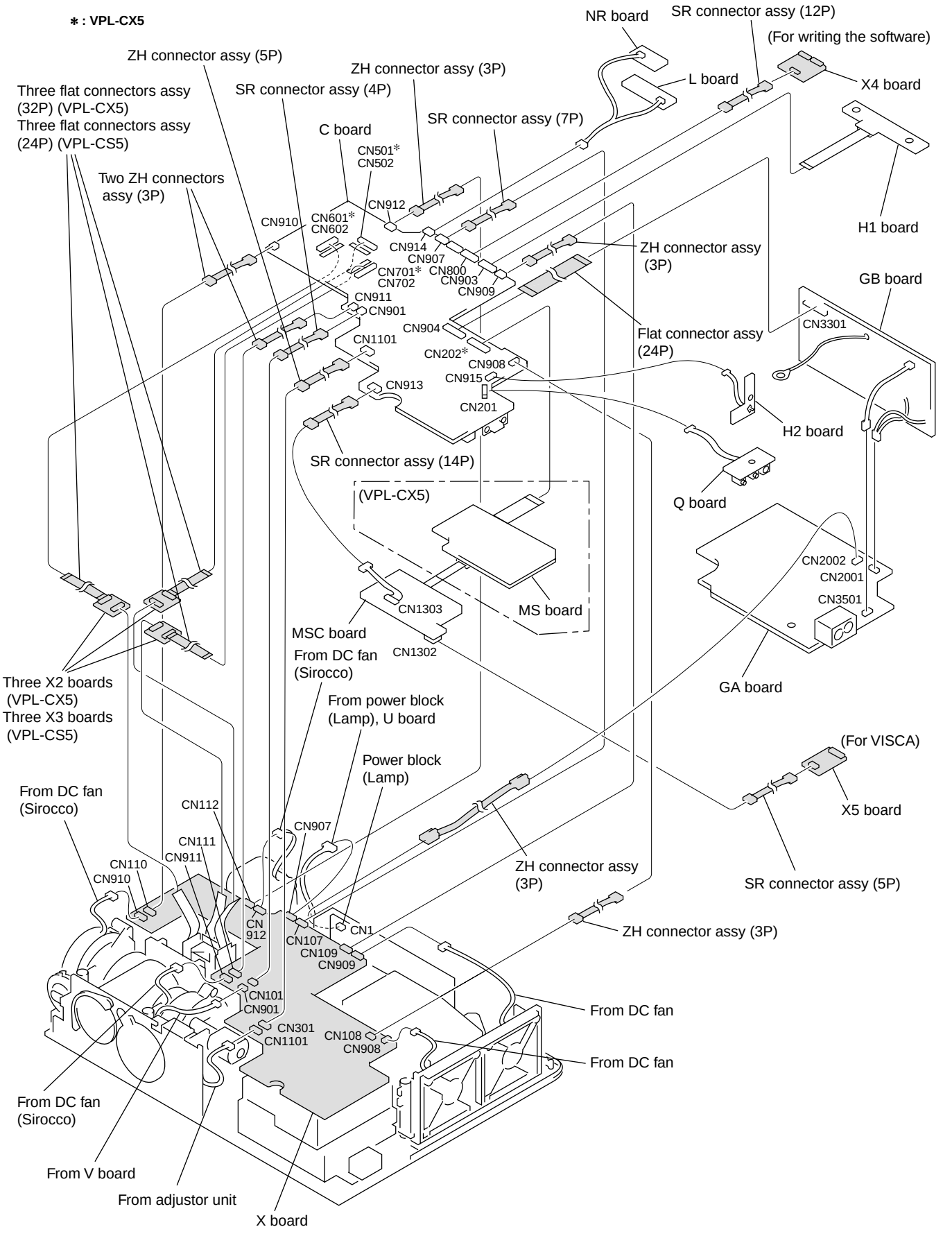
To remove the adjustor unit, remove the C board, lamp assy, prism block assy and DC fan (sirocco) beforehand.



1-2-16. Extension Board and Extension Connectors



1-2-17. Extension Board and Extension Connectors Connection



1-2-18. Warning on Power Connection

Use the supplied power cord when you use the projector in your country.
Otherwise, use a proper power cord meeting the following specification.

	The United States, Canada	**Continental Europe, Korrea**	**UK**	**Australia**	**Japan**
Plug type	YP-11	YP-21	SP-61	B8	YP-13
Female end	YC-13L	YC-13L	YC-13L	C7-2	YC-13L
Cord type	SPT-2	H03VVH2-F	H03VVH2-F	H03VVH2-F	VFF
Rated Voltage & Current	10 A/125 V	2.5 A/250 V	2.5 A/250 V	2.5 A/250 V	7 A/125 V
Safety approval	UL/CSA	VDE	BS	SAA	DENAN
Cord length (max.)	4.5 m	–	–	–	–

Section 2
Electrical Adjustments

2-1. Preparation

2-1-1. Required Equipment

- Oscilloscope
  Sony Tektronix 2465 or equivalent (350 MHz band width or more)
- NTSC, PAL, SECAM component signal generator
  Sony Tektronix TG2000 + AVG1 (option module) + AWVG1 (option module) or equivalent
- VG (programmable video signal generator)
  VG814 or equivalent
- Digital voltmeter
  Advantest TR6845 or equivalent
- Illuminance meter

Note

Allow the warm-up time of 5 minutes after the power is on before starting the following adjustments.

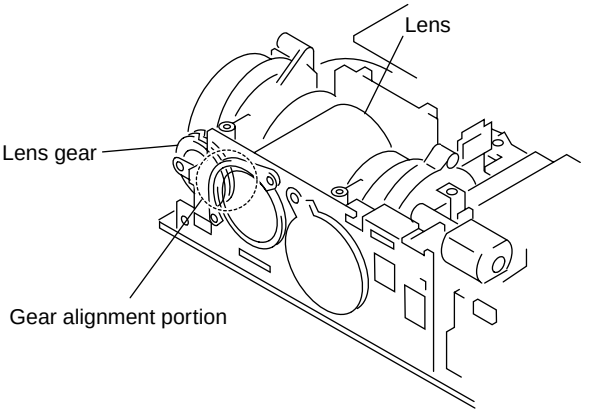
2-1-2. Optical Unit Adjustment

Rotate the cooling fan and turn on the lamps.

(1) Mirror adjustment
Adjust the screen size to 80 inch at the WIDE end.

1. Select the green only mode.
2. Check to see if there is any black zone at the top, bottom, left or right of screen. If there is any black zone on screen, loosen the adjustment plate fixing screw and adjust the G dichroic mirror for minimum black zone.
3. Tighten the adjustment plate fixing screw.
4. Select the cyan only mode.
5. Check to see if there is any black zone at the top, bottom, left or right of screen. If there is any black zone on screen, loosen the adjustment plate fixing screw and adjust the RB mirror adjustment plate for minimum black zone and the blue color is distinguishing.
6. Tighten the adjustment plate fixing screw.
7. Select the all white mode.
8. Check to see if there is any black zone at the top, bottom, left or right of screen. If there is any black zone on screen, loosen the adjustment plate fixing screw and adjust the RB mirror adjustment plate for minimum black zone and the red color is distinguishing.
9. Tighten the adjustment plate fixing screw.
10. Tighten the six adjustment plate fixing screws manually with a torque driver.
    Tightening torque: 0.19 ±0.03 Nm
11. Check to see that the illumination range error is within the tolerable limit.

When installing the optical unit in this model, alignment of the gear tooth position is required. Perform the following steps.



Procedure

1. Rotate the lens focus and zoom in the fully clockwise positions. Lock the dial in the direction shown in Fig. 1.

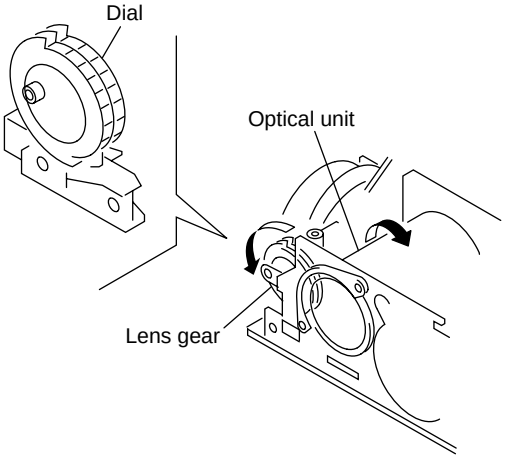


Fig. 1

2. Align the marking position of the optical unit gear with the protrusion of the lens gear approximately by visual observation as shown below.

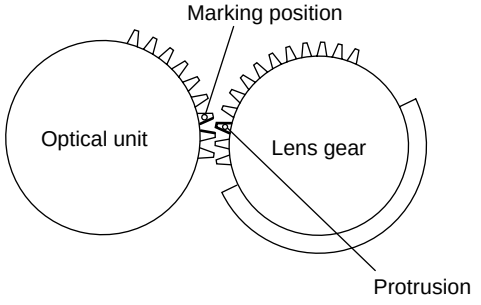
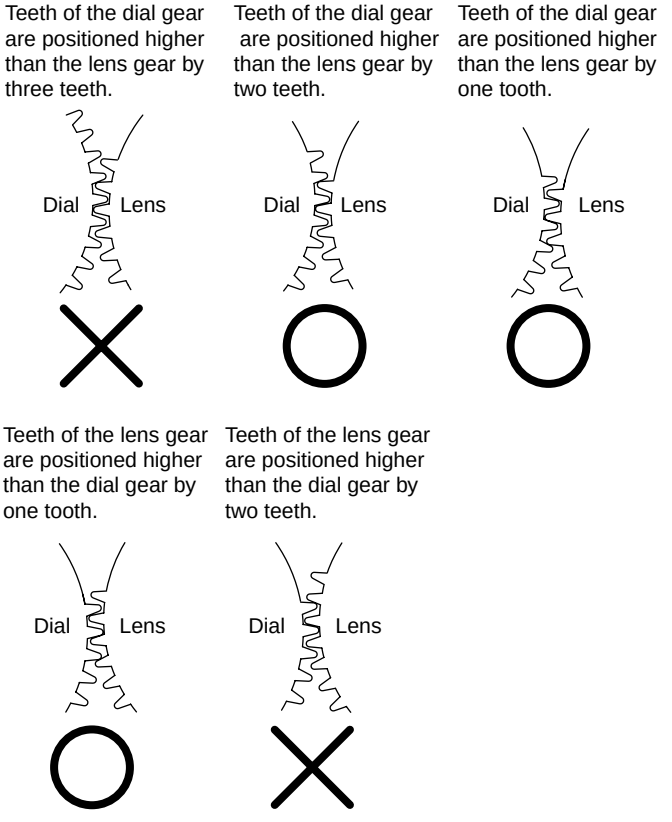


Fig. 2

Confirmation

When the optical unit is installed, rotate the gears upwards and check to see engagement of the gears.


Teeth of the dial gear are positioned higher than the lens gear by three teeth.
Dial
Lens
Teeth of the dial gear are positioned higher than the lens gear by two teeth.
Dial
Lens
Teeth of the dial gear are positioned higher than the lens gear by one tooth.
Dial
Lens
Teeth of the lens gear are positioned higher than the dial gear by one tooth.
Dial
Lens
Teeth of the lens gear are positioned higher than the dial gear by two teeth.
Dial
Lens

2-1-3. How to Enter the Factory Mode

1. Confirm that the MENU can be displayed.
2. Close the MENU.
3. Press the keys in the following order : [ENTER] → [ENTER] → [←] → [ENTER].
   The message [Do you want to enter the Factory Mode? Yes : ↑ No : ↓] appears.
   Select [Yes : ↑].

[Supplementary information: How to Exit the Factory Mode]

Perform the step 3 KEY operation.
The message [Do you want to return to the User Mode? Yes : ↑ No : ↓] appears.
Select [Yes : ↑].

Note

In the Factor mode, you can close the lens shutter if you keep pressing the TILT key even though the lamp lights. If the machine is left in this state for long hours, the lens shutter may melt in the worst case. Be sure to confirm that the lens shutter is not closed when the lamp lights in the Factory mode.

2-2. V COM Adjustment

1. Input the green-only, 30 IRE single-line ON/OFF signal to the input connector.
   (VPL-CS5 : SVGA signal, VPL-CX5 : XGA signal)
2. Enter the G VCOM adjustment screen of the Device Adjust.
3. Adjust the G VCOM value so that the flicker is minimal.
4. Switch the input signal from green-only to red-only then to blue only single-line ON/OFF signal. In the same way as step 3, adjust the R VCOM and B VCOM values respectively so that the flicker is minimal.
5. Take note of the adjustment values.
6. Set the “Image Flip” to either V or HV.
7. Input the above R/G/B adjustment values.
8. Take note of the adjustment values.
9. Set the “Image Flip” to OFF.

2-3. Initial Values of Adjustment Items

Menu Title	Item Name	Memory Name														Remark
		Set Memory	Status Memory	Picture Memory								W/B Memory				
				Video		S Video		Input-A		MS		Video		Computer		
				Dynamic	Standard	Dynamic	Standard	Dynamic	Standard	Dynamic	Standard	High	Low	High	Low	
PICTURE SETTING	Picture Mode		Standard													
	Adjust Picture...															
	Contrast			95	80	95	80	95	80	95	80					
	Brightness			40	50	40	50	40	50	40	50					
	Color			50	50	50	50	50	50	–	–					
	Hue			50	50	50	50	–	–	–	–					
	Sharpness			Middle	Middle	Middle	Middle	Middle	Middle	–	–					
	RGB Enhancer			–	–	–	–	20	20	20	20					
	Gamma Mode			–	–	–	–	Graphics	Graphics	Graphics	Graphics					
	Color Temp.			Low	Low	Low	Low	High	High	High	High					
	Volume	30														
INPUT SETTING	Adjust Signal...															
	Dot Phase		15 (*)													
	H Size		*													
	Shift		*													
	Wide Mode			Off	Off	Off	Off	Off	Off	Off	Off					
	Scan Conv							On	On							
SET SETTING	Smart APA	On														
	Auto Input Search	Off														
	Input-A Signal Sel.	Computer														
	Color System	Auto														
	Power Saving	Off														
MENU SETTING	Status	On														
	Languege	English														
	Menu Position	Center														
	Menu Color	White														

Menu Title	Item Name	Memory Name													Remark
		Set Memory	Status Memory	Picture Memory								W/B Memory			
				Video		S Video		Input-A		MS		Video		Computer	
				Dynamic	Standard	Dynamic	Standard	Dynamic	Standard	Dynamic	Standard	High	Low	High	Low	
INSTALL SETTING	Tilt...															
	V Keystone	Auto														
	Manual...	0														
	Image Flip	Off														
	Background	Blue														
	Lamp Mode	Low														
INFORMATION	fH	Display only														
	fV	Display only														
	(Memory No.)	Display only														
	(Resolution)	Display only														
	Lamp Timer	Display only														
	ROM Version	Display only														
	SC ROM Version	Display only														
	Operation Timer	Display only														
	Prev. Lamp Timer	Display only														
W/B SETTING	Gain R											182	182	160	160	
	Gain G											182	150	160	140	
	Gain B											182	160	160	150	
	Bias R											85	85	85	85	
	Bias G											85	85	85	85	
	Bias B											85	85	85	85	

* The “Dot Phase E, H Size, Shift H/V and Picture Mode” items in the “INPUT SETTING” menu have their respective initial values for each input signal (PRESET MEMORY No.).

Note

There are some adjustment items that cannot be adjusted, depending on the input signal.

Device Name	Item Name		Memory Name												Remark
			Set Memory	Status Memory	Chroma Memory				Channel Memory				Image Flip Memory		
					NT358/ NT443/ BW60	Pal/Pal-M/ N/Secam/ BW50	15kRGB	Component (15k)	Video	S Video	Input-A	MS	Up/Down inversion is possible	Up/Down inversion is impossible	
A/D Converter	ADC/	Clamp Position		8											Fixed value
		Clamp Width		20											Fixed value
		R Gain	100												Fixed value
		G Gain	100												Fixed value
		B Gain	100												Fixed value
		R Offset	128												Fixed value
		G Offset	128												Fixed value
		B Offset	128												Fixed value
		Sync Sep Th	32												Fixed value
		Pre Coast		2											Fixed value
		Post Coast		8											Fixed value
Chroma/ D.Comb	Chroma/	Ch1 Gain							20	20	144	144			
		Ch2 Gain							144	16	160	160			
		Video Brt			140	124	128	128							Fixed value
		Video Cont			64	64	64	64							Fixed value
		Sub Color			56	56	56	56							Fixed value
		LCBW							0	0	0	0			Fixed value
		Y-DeLay	*												Fixed value
		Ch3 Gain							144	144	160	160			
		Ch4 Gain							144	144	160	160			
		YUV Brt			128	128	128	128							Fixed value
		YUV Cont			64	64	64	64							Fixed value
		AOSL	–												
		1E	Display only												
		1F	Display only												

Device Name	Item Name		Memory Name												Remark
			Set Memory	Status Memory	Chroma Memory				Channel Memory				Image Flip Memory		
					NT358/ NT443/ BW60	Pal/Pal-M/ N/Secam/ BW50	15kRGB	Component (15k)	Video	S Video	Input-A	MS	Up/Down inversion is possible	Up/Down inversion is impossible	
Panel Driver	P.Drv	Offset R											214	214	
		Offset G											214	214	
		Offset B											214	214	
		V Common R											55/65	55/65	
		V Common G											55/65	55/65	
		V Common B											55/65	55/65	
		Psig 1	58/138												Fixed value
		Psig 2	135/53												Fixed value
		Signal Center	193												
		Gain R	166												
		Gain G	166												
		Gain B	166												
		DCFB Off	1												Fixed value
	Sample Hold/	SH1	7/8												Fixed value
	Other/	V Com Ptn Enb	Adj. not possible												
		Installation	0												
Other	3D Gamma	Sub Cont	0												Fixed value
		Sub Brt	0												Fixed value
		R Osd Lvl	31												Fixed value
		G Osd Lvl	31												Fixed value
		B Osd Lvl	31												Fixed value
		Through	0												Fixed value
		SW	1												Fixed value
		APC Thres	25												Fixed value
		APC Limit	32												Fixed value

Device Name	Item Name		Memory Name												Remark
			Set Memory	Status Memory	Chroma Memory				Channel Memory				Image Flip Memory		
					NT358/ NT443/ BW60	Pal/Pal-M/ N/Secam/ BW50	15kRGB	Component (15k)	Video	S Video	Input-A	MS	Up/Down inversion is possible	Up/Down inversion is impossible	
Other	Other/	V Start	22												Fixed value
		H Start (MSB)	104/144												Fixed value
		H Start (LSB)	0/1												Fixed value
		H Position	33/11												Fixed value
		HST Position	9												Fixed value
		HST Phase	3/6												Fixed value
		Temp Lamp	Adj. not possible												Fixed value
		Temp Panel	Adj. not possible												Fixed value
		Fan1 H											Adj. not possible	Adj. not possible	Fixed value
		Fan1 L											Adj. not possible	Adj. not possible	Fixed value
		Fan2 H											Adj. not possible	Adj. not possible	Fixed value
		Fan2 L											Adj. not possible	Adj. not possible	Fixed value
		Fan3 H											Adj. not possible	Adj. not possible	Fixed value
		Fan3 L											Adj. not possible	Adj. not possible	Fixed value
		Synchronous	1												Fixed value
		Tilt C0	0												
		Tilt C1	10000												
		Tilt C2	−10000												
		X Tilt	Display only												
		Y Tilt	Display only												
		TL	Display only												
		TP	Display only												
Gamma			Factory adjustment value												

Notes

- There are some adjustment items that cannot be adjusted, depending on the input signal.
- The items showing two digits such as “7/8” the following meaning : Left digit : VPL-CS5, Right digit : VPL-CX5
- ∗ : The value changes depending on the color systems and input terminals.

2-4. Service Know-How

2-4-1. When the Prism Block Is Replaced

1. Perform the V COM adjustment. (Refer to Section “2-2. VCOM Adjustment”.)
2. Write the GAMMA data of the prism block.
3. Perform the white balance adjustment. (Refer to Section “2-5. White Balance Adjustment”.)

2-4-2. When the C Board Is Replaced

Note

If any board other than the C board is replaced, there is not adjustment item.

1. Install IC406 of the C board before replacement, into the new C board.
2. Enter the Factory Mode.
3. Place this model on a flat worktable. Press the TILT key on a flat table so that the lens shutter becomes visible a little when viewed from the front of the model.
4. Operate the TILT+ key and stop it at the point that the lens shutter becomes invisible from the front.
5. From this position, flip the TILT+ key twice.
6. Press the keys as follows [ENTER] → [ENTER] → [POSITION+] → [MEMORY] keys. (Memorizing the adjustment value.)
7. With the model being placed on a flat worktable, open the lens shutter fully open while the adjuster does not touch the ground.
8. Write the X TILT value in C0 at this time.
9. Point the model vertically upright and fix the position.
10. Write the X TILT value in C1 at this time.
11. Point the model vertically downward and fix the position.
12. Write the X TILT value in C2 at this time.
13. Perform the V COM adjustment. (Refer to Section “2-2. VCOM Adjustment”.)
14. If the white balance is significantly poor, perform the white balance adjustment. . (Refer to Section “2-5. White Balance Adjustment”.)

2-5. White Balance Adjustment

Preparation before adjustment

1. Input the 100 IRE flat field signal to the INPUT-A connector and allow the warm-up of 10 minutes aging at a minimum.
2. Enter the Service Mode.
   Press the keys in the following order.
   [ENTER] → [ENTER] → [↑] → [↓] → [ENTER].
   The message [Do you want to enter the Service Mode? Yes : ↑ No : ↓] appears.
   Select [Yes : ↑].

[Supplementary information: How to Exit the Service Mode]

Perform the step 2 KEY operation.
The message [Do you want to return to the User Mode?] appears.
Select [Yes : ↑].

2-5-1. HIGH Mode of INPUT-A

Connect the10-step signal to the INPUT-A connector and measure the chromaticities at each brightness.
If chromaticities are different at each brightness, perform the following adjustment.

1. Input the 100 IRE flat field signal to the INPUT-A connector.
2. Measure the chromaticity (x, y).
3. Input the 80 IRE flat field signal.
4. Adjust the GAIN R and GAIN B in the HIGH mode of W/B until the chromaticity (x, y) that is measured at step 2 is obtained.
5. Input the 30 IRE flat field signal.
6. Adjust the BIAS R and BIAS B in the HIGH mode of W/B until the chromaticity (x, y) that is measured at step 2 is obtained.
7. Repeat steps 3 to 6 until the chromaticity (x ±0.002, y ±0.004) with reference to the chromaticity (x, y) that is measured at step 2 is obtained.

2-5-2. LOW Mode of INPUT-A

1. Input the 80 IRE flat field signal to the INPUT-A connector.
2. In the LOW mode of W/B, adjust the GAIN R for +15 higher than the value in the HIGH mode, adjust the GAIN G for −25 lower than the value in the HIGH mode and adjust GAIN B that is the same as the value in the HIGH mode.
3. Adjust BIAS R, BIAS B and BIAS G for the same value as those of the HIGH mode.
4. Measure the chromaticity (x, y).
5. Input the 30 IRE flat field signal.
6. Adjust the BIAS R and BIAS B in the LOW mode of W/B until the chromaticity (x, y) that is measured at step 4 is obtained.
7. Input the 80 IRE flat field signal.
8. Adjust the GAIN R and GAIN B in the LOW mode of W/B until the chromaticity (x, y) that is measured at step 4 is obtained.
9. Repeat steps 5 to 8 until the chromaticity (x ±0.002, y ±0.004) with reference to the chromaticity (x, y) that is measured at step 4 is obtained.

2-5-3. HIGH Mode of VIDEO

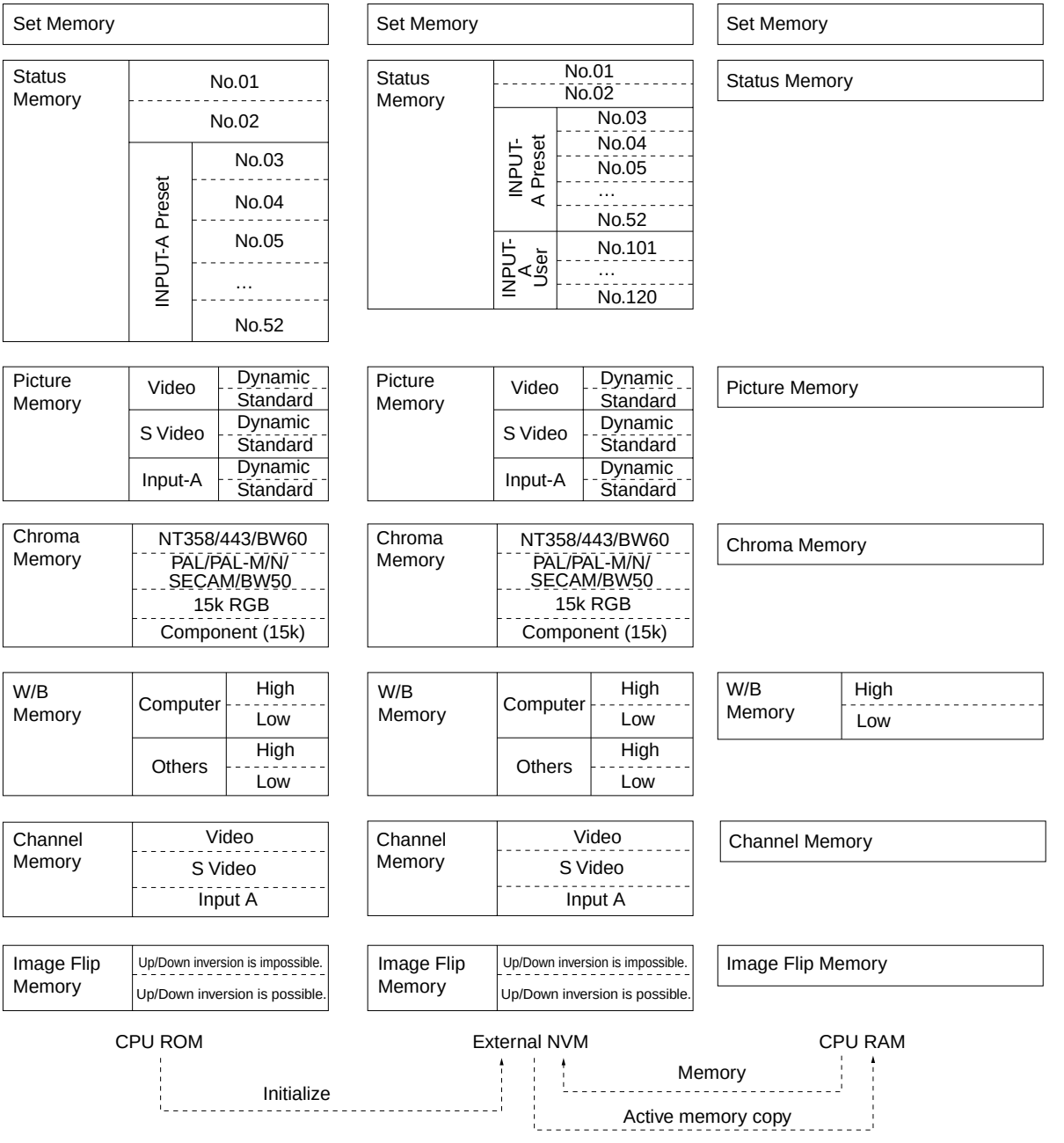
1. Input the NTSC or PAL video signal to the input connector.
2. In the HIGH mode of W/B, adjust the GAIN R for −20 lower than the value in the INPUT-A HIGH mode, adjust the GAIN G for −35 lower than the value in the INPUT-A HIGH mode and adjust GAIN B that is the −20 lower than the value in the INPUT-A HIGH mode.
3. Adjust BIAS G for −5 lower than the value in the INPUT-A HIGH mode, adjust the BIAS R and BIAS B for the same value as those of the INPUT-A HIGH mode.

2-5-4. LOW Mode of VIDEO

1. Input the NTSC or PAL video signal to the input connector.
2. In the LOW mode of W/B, adjust the GAIN R for −20 lower than the value in the INPUT-A LOW mode, adjust the GAIN G for −35 lower than the value in the INPUT-A LOW mode and adjust GAIN B that is the −20 lower than the value in the INPUT-A LOW mode.
3. Adjust BIAS G for −5 lower than the value in the INPUT-A LOW mode, adjust the BIAS R and BIAS B for the same value as those of the INPUT-A HIGH mode.

2-6. Memory Structure

VPL-CS5 Series Memory Structure
CPU internal ROM : 384 K byte Flash Memory
CPU internal RAM : 24 K byte
External NVM memory : 8 K byte EEPROM



Memory structure of VPL-CS5 consists of the followings.

1 Set memory
2 Status memory
3 Picture memory (picture quality mode memory)
4 Chroma memory
5 W/B memory
6 Channel memory
7 Image Flip memory

∗ The gamma memory is realized by giving offset to the Contrast and Brightness output values to the devices in the gamma mode function.

Flow of data is described briefly. When the power plug is connected to the wall outlet for the first time (Standby state), all data that are stored in the internal ROM are written in the NVM (non-volatile memory). When the POWER is turned ON, all the status memory data and other memory data that are required for the present picture are selected from each memory block and expanded in the internal RAM.
When any adjustment is performed at this moment, the adjustment data (user mode items) are written in the NVM (Service/Special Service items) automatically triggered by the memory operation.

The adjustment items (W/B, Device Adjust) that can be adjusted in the Service Mode or in the Special Service Mode, are memorized in the NVM at the time when the user performs adjustment and performs the memory operation. Note that the factory adjustment data will be lost at this moment.

VPL-CX5 Series Memory Structure

CPU internal ROM : 384 K byte Flash Memory

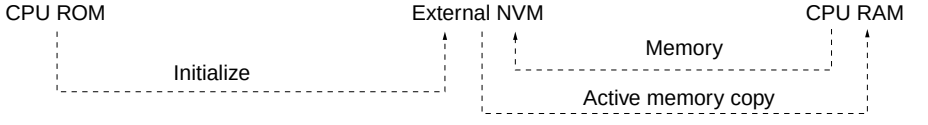
CPU internal RAM : 24 K byte

External NVM memory : 8 K byte EEPROM

Set Memory		
Status Memory	No.01	
	No.02	
	INPUT-A Preset	No.03
		No.04
		No.05
		…
		No.52
	MS Preset	No.53
		No.54
		No.55
		…
		No.62
Picture Memory	Video	Dynamic
		Standard
	S Video	Dynamic
		Standard
	Input-A	Dynamic
		Standard
	MS	Dynamic
		Standard
Chroma Memory	NT358/443/BW60	
	PAL/PAL-M/N/ SECAM/BW50	
	15k RGB	
	Component (15k)	
W/B Memory	Computer	High
		Low
	Others	High
		Low
Channel Memory	Video	
	S Video	
	Input A	
	MS	
Image Flip Memory	Up/Down inversion is impossible.	
	Up/Down inversion is possible.	

Set Memory		
Status Memory	No.01	
	No.02	
	INPUT-A Preset	No.03
		No.04
		No.05
		…
		No.52
	MS Preset	No.53
		No.54
		No.55
		…
		No.62
	INPUT-A User	No.101
		…
		No.120
Picture Memory	Video	Dynamic
		Standard
	S Video	Dynamic
		Standard
	Input-A	Dynamic
		Standard
	MS	Dynamic
		Standard
Chroma Memory	NT358/443/BW60	
	PAL/PAL-M/N/ SECAM/BW50	
	15k RGB	
	Component (15k)	
W/B Memory	Computer	High
		Low
	Others	High
		Low
Channel Memory	Video	
	S Video	
	Input A	
	MS	
Image Flip Memory	Up/Down inversion is impossible.	
	Up/Down inversion is possible.	

Set Memory	
Status Memory	
Picture Memory	
Chroma Memory	
W/B Memory	High
	Low
Channel Memory	
Image Flip Memory	



Memory structure of VPL-CX5 consists of the followings.

1 Set memory
2 Status memory
3 Picture memory (picture quality mode memory)
4 Chroma memory
5 W/B memory
6 Channel memory
7 Image Flip memory

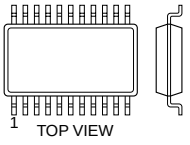
∗ The gamma memory is realized by giving offset to the Contrast and Brightness output values to the devices in the gamma mode function.

Flow of data is described briefly. When the power plug is connected to the wall outlet for the first time (Standby state), all data that are stored in the internal ROM are written in the NVM (non-volatile memory). When the POWER is turned ON, all the status memory data and other memory data that are required for the present picture are selected from each memory block and expanded in the internal RAM.
When any adjustment is performed at this moment, the adjustment data (user mode items) are written in the NVM (Service/Special Service items) automatically triggered by the memory operation.

The adjustment items (W/B, Device Adjust) that can be adjusted in the Service Mode or in the Special Service Mode, are memorized in the NVM at the time when the user performs adjustment and performs the memory operation. Note that the factory adjustment data will be lost at this moment.

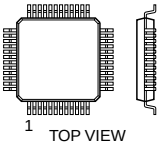
Section 3
Semiconductors

24LC21AT/SN
BA033F-E2
BA033FP
BA033FP-E2
ICS332-SX1734
ICS332-SX1735
IRMF-A0T-QTP
M24C64-WMN6T(B)
MM1096AFF
SI9434DY-T1
ST24FC21M6TR
TA75W393FU
TA75W393FU-TE12R
TC7WH74FU(TE12R)
TL431BCDR2



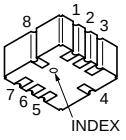
8pin SOP

AD9883AKST-110
AD9883AKST-140

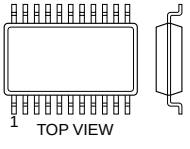


80pin QFP

ADXL202JE-REEL

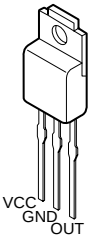


AK4352VT-E2
BA6288FS-E2
CY27027ZZCT
LT1765EFE
TPA2001D1PW

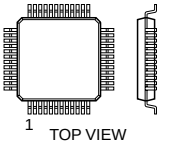


16pin SOP

BA05FP-E2
BA09FP-E2

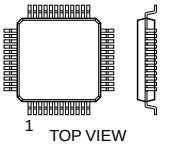


CXA3562AR-T6
UPD72012GB-003-3B4



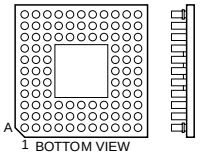
100pin QFP

CXA7000R-T6



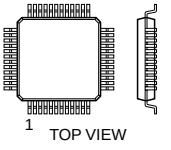
64pin QFP

CXD9607GB



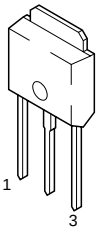
144pin PGA

HD64F2377VFQ33V

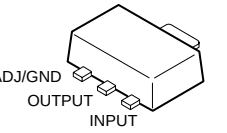


144pin QFP

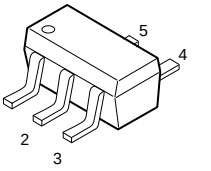
L88M05T-FA-TL



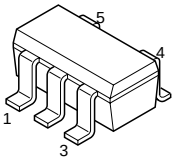
LM1117MPX-1.8



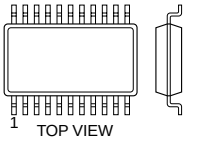
LMC7101BIM5X
SN74AHC1G00DCKR
SN74AHCT1G04DCKR
SN74AHCT1G08DCKR



LP2985IM5X-3.3

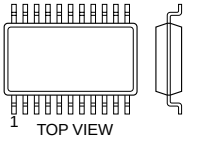


LTC1772CS6



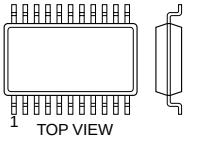
6pin SOP

M52347FP-TE
SN74AHCT541PWR
SN74LV244APWR
TDA7309D013TR



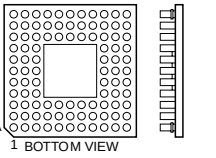
20pin SOP

M62392FP



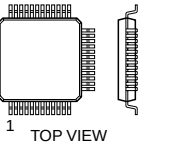
24pin SOP

MB93401A



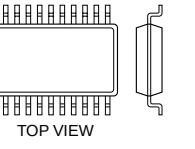
288pin PGA

MB93491



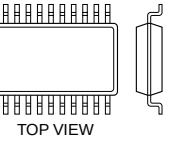
176pin QFP

MBM29LV160BE-90TN-MS1735
MBM29LV800TA-70PFTN-SX1734



48pin SOP

MCZ3001D



40pin SOP

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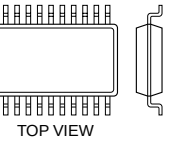
MT48LC8M16A2TG-75TR



54pin SOP

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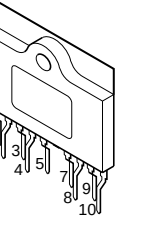

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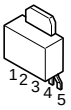

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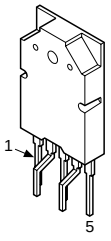
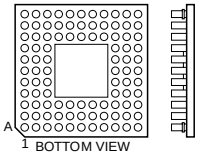
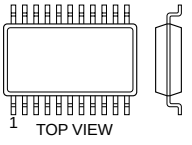


PW164B-10TK



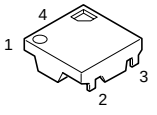
256pin PGA

RCV4-A1T-MASK-25
ST72T631K4M1-201



34pin SOP

RS-140-T



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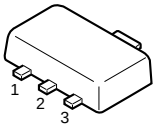
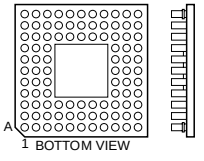
S-80942ANMP-DD6-T2

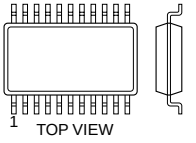


SAA7118E/V1.518



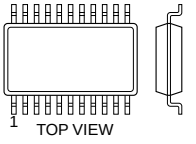
156pin PGA

SN74LV02APWR
SN74LV08APWR
SN74LV125APWR
SN74LVC125APWR-12



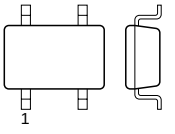
14pin SOP

SN74LV157APWR



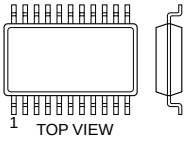
18pin SOP

TC7S66FU
TC7S66FU(TE85R)



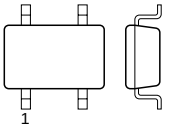
5pin CHIP

TC7SZ125FU(TE85R)



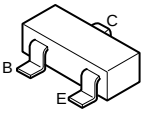
5pin SOP

TK11900MTL



6pin CHIP

2SA1162-G
2SA1162-YG-TE85L
2SA1576A-T106-QR
2SC2712-YG
2SC2712-YG-TE85L
2SC4081-R
2SC4081T106R
2SJ530S-TL
DTC144EUA-T106



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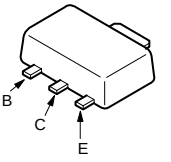

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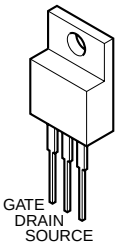

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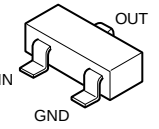
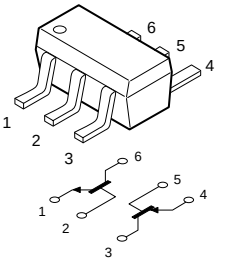
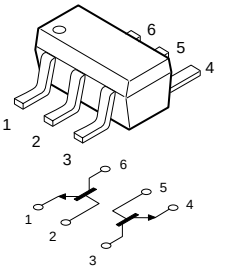
DTC114EU



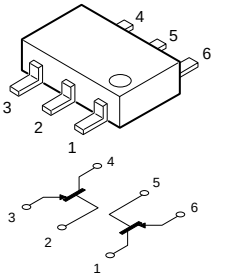
HN1B01FU-TE85R
HN1C01FU-TE85R



HN1C03FU-TE85R
RN2904-TE85R



XP4501-TXE



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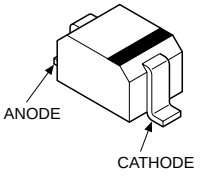
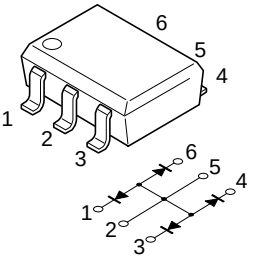
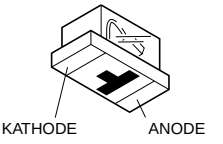
EC31QS03L-TE12L
MA111-(K8).S0
MA111-TX
RD9.1SB2
RD9.1SB2-T1



BZA456A



CL-190B1-X-T



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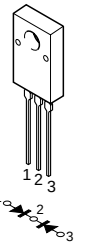
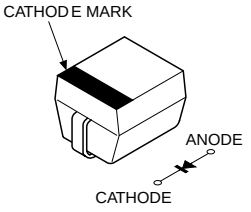
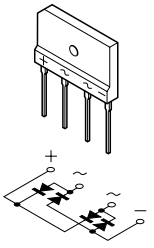
D10SC6M
D10SC6M(RECTI)



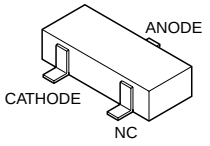
D2FS6-TA



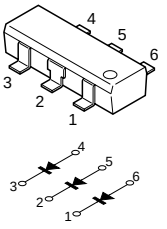
D6SB80



DAN202U
DAN202UT106



HN1D03FU-TE85L
HN1D03FU-TE85R



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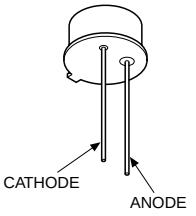
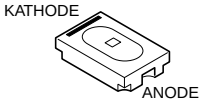
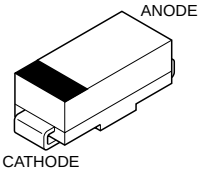


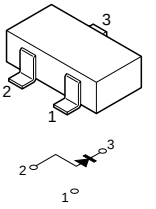
NSCW100



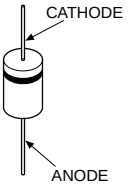
RB501V-40TE17
RB501V-40TE-17



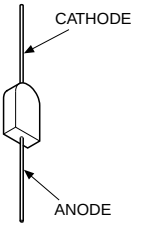
RD16M-B2
RD16M-T1B2
RD18M-B1
RD18M-T1B1
RD33M-B
RD33M-T1B
RD6.8M-B1
RD6.8M-T1B1



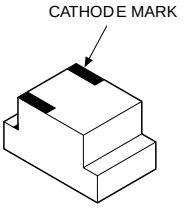
RD3.9SB
RD3.9SB-T1
UF4005PKG23



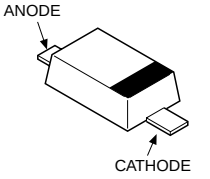
RM11C(RECTI)
RM11C-V1



SEC1801C
SEC1901C
SEC2422C



UDZSTE-173.9B



Section 4
Spare Parts

4-1. Notes on Repair Parts

1. Safety Related Components Warning

WARNING

Components marked ⚠ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

WARNHINWEIS

Les composants identifiés par la marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.
Parts List has the present standardized repair parts.

3. Stock of Parts

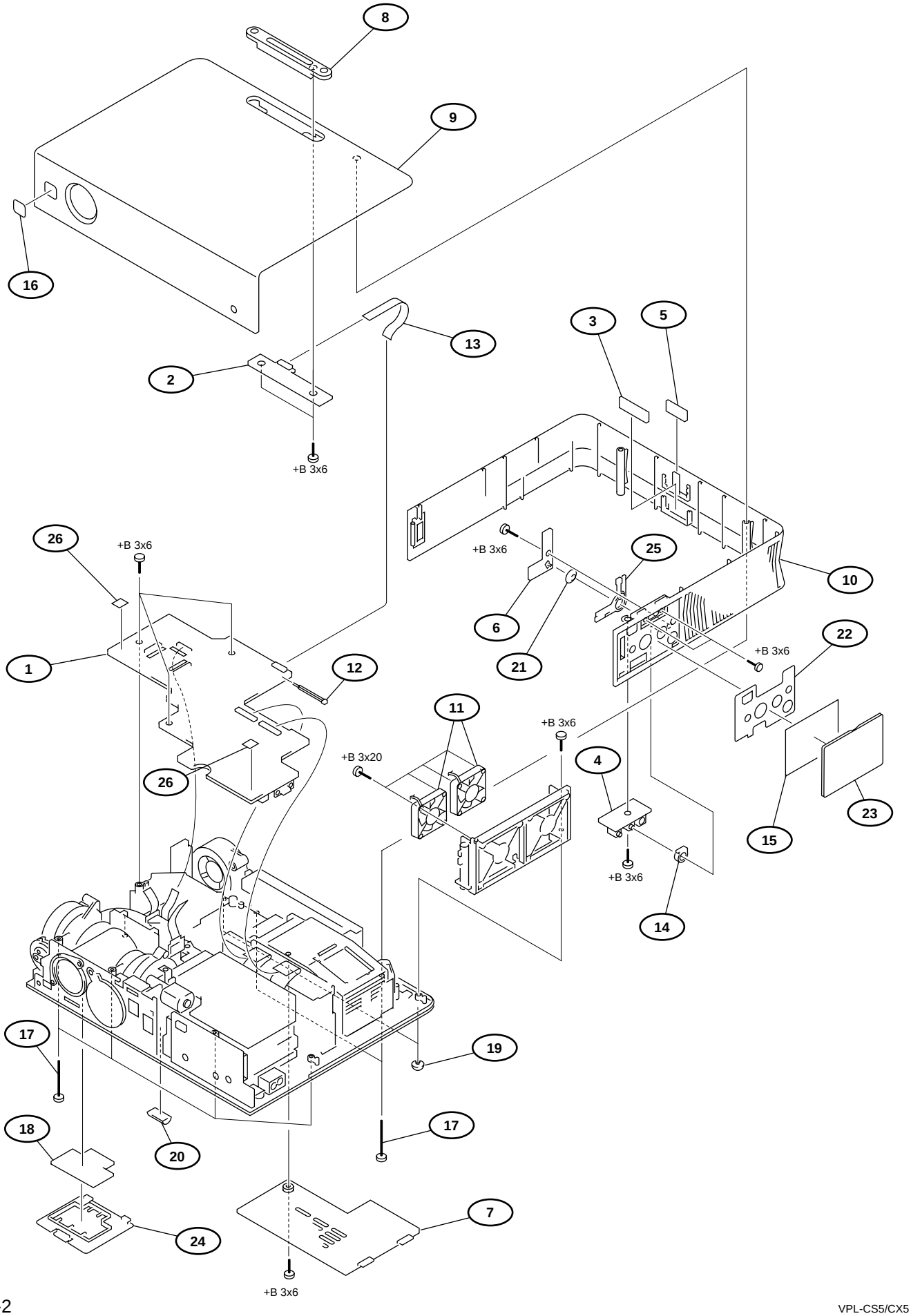
Parts marked with “o” at SP (Supply Code) column of the Spare Parts list may not be stocked. Therefore, the delivery date will be delayed.
Items with no part number and no description are not stocked because they are seldom required for routine service.

4. Units for Capacitors, Inductors and Resistors

The following units are assumed in Schematic Diagrams, Electrical Parts List and Exploded Views unless otherwise specified.

Capacitors : μF
Inductors : μH
Resistors : Ω

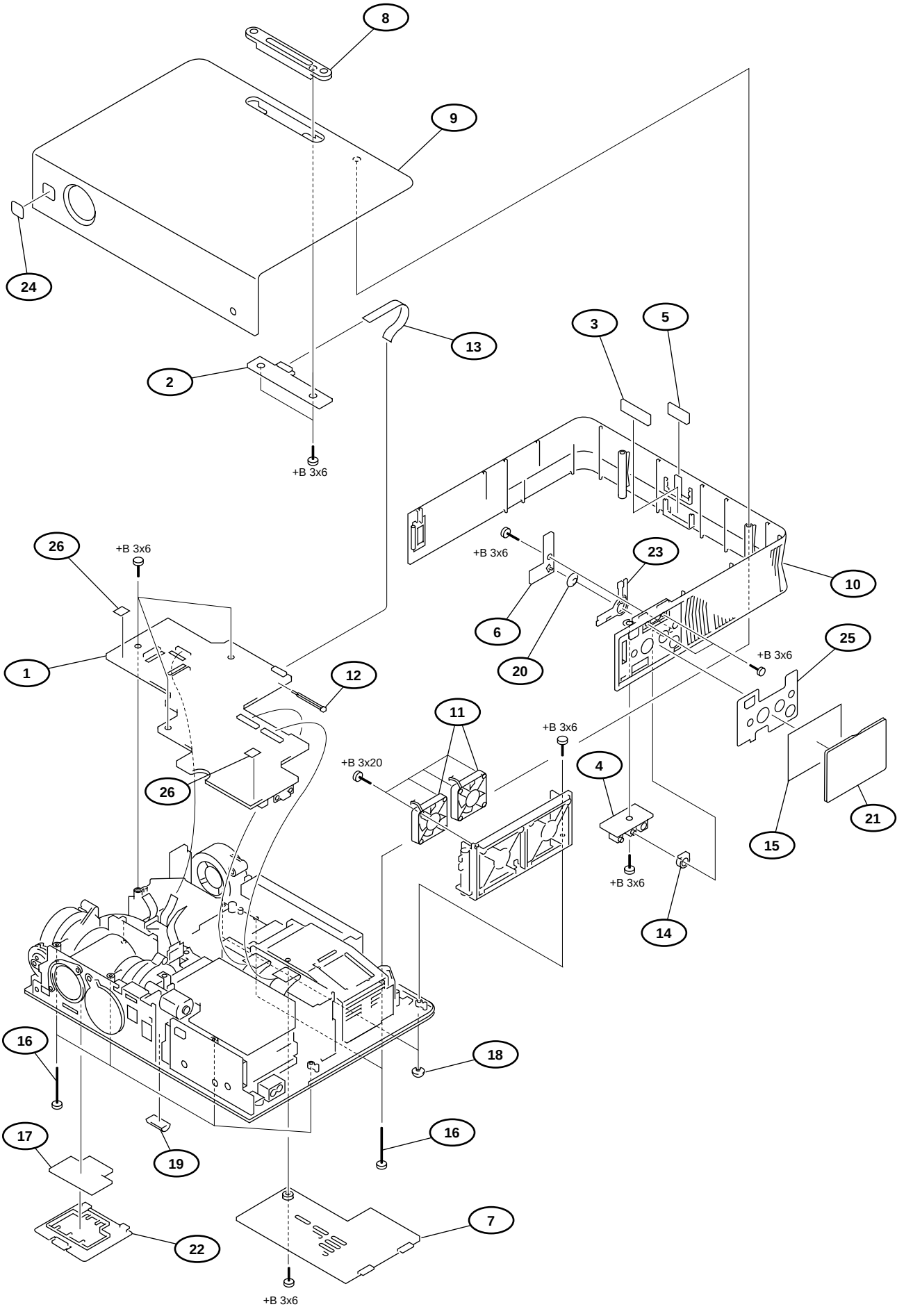
4-2. Exploded Views



VPL-CS5 (Serial No. 10.001-) : (A1)
VPL-CS5 (Serial No. 5.000.001-) : (A2)

No.		Part No.	SP	Description
1		A-1300-395-A	s	MOUNTED CIRCUIT BOARD, C (A1)
1		A-1300-487-A	s	MOUNTED CIRCUIT BOARD, C (A2)
2		A-1400-715-A	s	MOUNTED CIRCUIT BOARD, H1 (A1)
2		A-1400-916-A	s	MOUNTED CIRCUIT BOARD, H1 (A2)
3		A-1400-716-A	s	MOUNTED CIRCUIT BOARD, L (A1)
3		A-1400-917-A	s	MOUNTED CIRCUIT BOARD, L (A2)
4		A-1400-717-A	s	MOUNTED CIRCUIT BOARD, Q (A1)
4		A-1400-918-A	s	MOUNTED CIRCUIT BOARD, Q (A2)
5		A-1400-718-A	s	MOUNTED CIRCUIT BOARD, NR (A1)
5		A-1400-919-A	s	MOUNTED CIRCUIT BOARD, NR (A2)
6		A-1400-719-A	s	MOUNTED CIRCUIT BOARD, H2 (A1)
6		A-1400-920-A	s	MOUNTED CIRCUIT BOARD, H2 (A2)
7		X-4040-587-1	s	LAMP COVER ASSY
8		X-4040-588-2	s	BUTTON (H1) ASSY
9		X-4040-589-1	s	PANEL ASSY, TOP
10		X-4040-590-1	s	PANEL ASSY, SIDE
11		1-763-746-21	s	FAN, DC
12	⚠	1-900-222-47	s	CONNECTOR ASSY A, FUSE 2P
13		1-900-268-34	s	CONNECTOR ASSY A, FLAT 12P
14		4-074-246-02	o	SLEEVE, VIDEO
15		4-090-083-01	s	MAGNET
16		4-090-085-01	s	EMBLEM
17		4-090-087-01	s	SHAFT
18		4-090-088-02	s	FILTER
19		4-090-089-01	s	FOOT, REAR
20		4-090-092-01	s	FOOT, FRONT
21		4-090-095-01	s	BUTTON (H2)
22		4-090-096-02	s	LABEL, CONNECTOR NAME
23		4-090-099-02	s	COVER, CONNECTOR
24		4-090-107-01	s	COVER, FILTER
25		4-090-115-01	s	HOLDER (H2)
26		4-090-741-01	s	GASKET
Screws/Washers				
		7-682-547-04	s	SCREW +B 3X6
		7-682-553-09	s	SCREW +B 3X20

Cover (VPL-CX5)



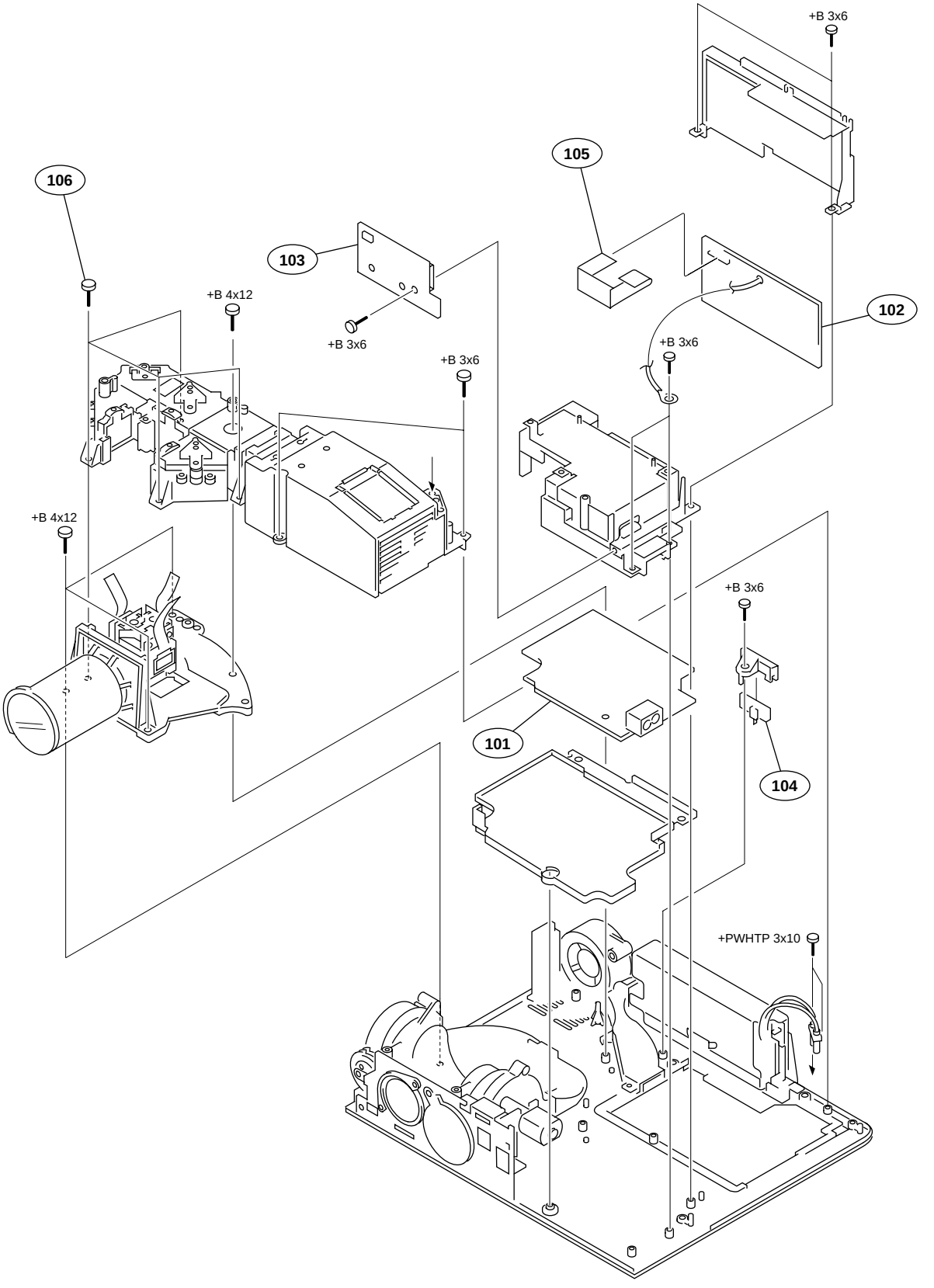
VPL-CX5 (Serial No. 10.001-) : (A3)
VPL-CX5 (Serial No. 5.000.001-) : (A4)

No.		Part No.	SP	Description
1		A-1300-692-A	s	MOUNTED CIRCUIT BOARD, C (A3)
1		A-1300-747-A	s	MOUNTED CIRCUIT BOARD, C (A4)
2		A-1400-715-A	s	MOUNTED CIRCUIT BOARD, H1 (A3)
2		A-1400-916-A	s	MOUNTED CIRCUIT BOARD, H1 (A4)
3		A-1400-716-A	s	MOUNTED CIRCUIT BOARD, L (A3)
3		A-1400-917-A	s	MOUNTED CIRCUIT BOARD, L (A4)
4		A-1400-717-A	s	MOUNTED CIRCUIT BOARD, Q (A3)
4		A-1400-918-A	s	MOUNTED CIRCUIT BOARD, Q (A4)
5		A-1400-718-A	s	MOUNTED CIRCUIT BOARD, NR (A3)
5		A-1400-919-A	s	MOUNTED CIRCUIT BOARD, NR (A4)
6		A-1400-719-A	s	MOUNTED CIRCUIT BOARD, H2 (A3)
6		A-1400-920-A	s	MOUNTED CIRCUIT BOARD, H2 (A4)
7		X-4040-587-1	s	LAMP COVER ASSY
8		X-4040-588-2	s	BUTTON (H1) ASSY
9		X-4040-589-1	s	PANEL ASSY, TOP
10		X-4040-590-1	s	PANEL ASSY, SIDE
11		1-763-746-21	s	FAN, DC
12	⚠	1-900-222-47	s	CONNECTOR ASSY A, FUSE 2P
13		1-900-268-34	s	CONNECTOR ASSY A, FLAT 12P
14		4-074-246-02	o	SLEEVE, VIDEO
15		4-090-083-01	s	MAGNET
16		4-090-087-01	s	SHAFT
17		4-090-088-01	s	FILTER
18		4-090-089-02	s	FOOT, REAR
19		4-090-092-01	s	FOOT, FRONT
20		4-090-095-01	s	BUTTON (H2)
21		4-090-099-02	s	COVER, CONNECTOR (A4)
21		4-090-099-11	s	COVER, CONNECTOR (A3)
22		4-090-107-01	s	COVER, FILTER
23		4-090-115-01	s	HOLDER (H2)
24		4-090-337-01	s	EMBLEM
25		4-090-339-01	s	LABEL, CONNECTOR NAME
26		4-090-741-01	s	GASKET

Screws/Washers

		7-682-547-04	s	SCREW +B 3X6
		7-682-553-09	s	SCREW +B 3X20

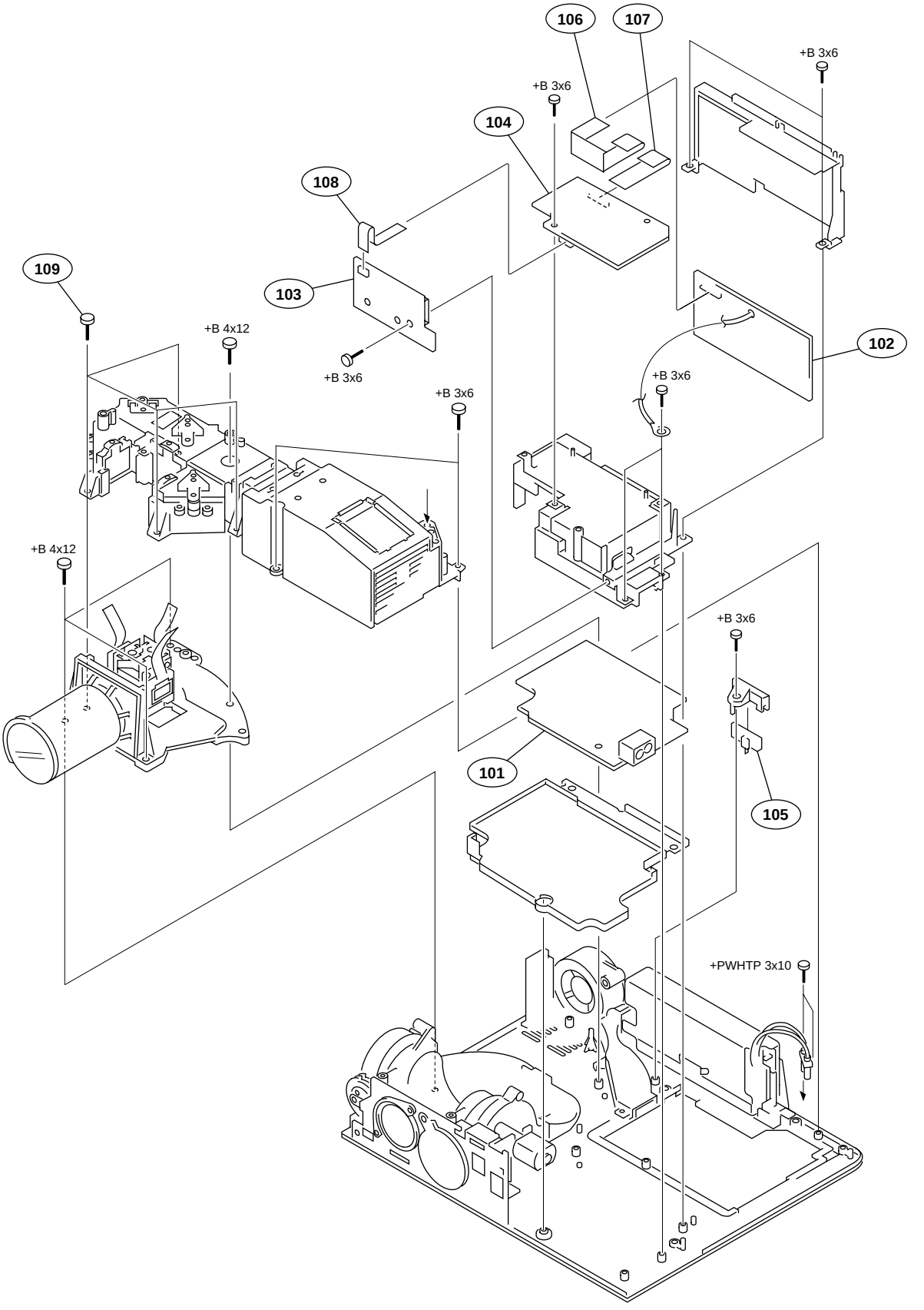
Chassis (VPL-CS5)



VPL-CS5 (Serial No. 10.001-) : (A1)
VPL-CS5 (Serial No. 5.000.001-) : (A2)

No.	Part No.	SP	Description
101	A-1300-393-A	s	MOUNTED CIRCUIT BOARD, GA (A1)
101	A-1300-485-A	s	MOUNTED CIRCUIT BOARD, GA (A2)
102	A-1300-394-A	s	MOUNTED CIRCUIT BOARD, GB (A1)
102	A-1300-486-A	s	MOUNTED CIRCUIT BOARD, GB (A2)
103	A-1300-484-A	s	MOUNTED CIRCUIT BOARD, MSC (A2)
103	A-1300-663-A	s	MOUNTED CIRCUIT BOARD, MSC (A1)
104	A-1400-720-A	s	MOUNTED CIRCUIT BOARD, U (A1)
104	A-1400-914-A	s	MOUNTED CIRCUIT BOARD, U (A2)
105	1-900-267-27	s	CONNECTOR ASSY, FLAT 24P
106	4-082-759-01	s	SCREW, MACHINE, (+)P M4X12
Screws/Washers			
	7-682-547-04	s	SCREW +B 3X6
	7-682-563-04	s	SCREW +B 4X12(EP-FE/CU,NI,CR)
	7-685-903-31	s	SCREW,+PWHTP 3X10(EP-FE/ZNBK/C)

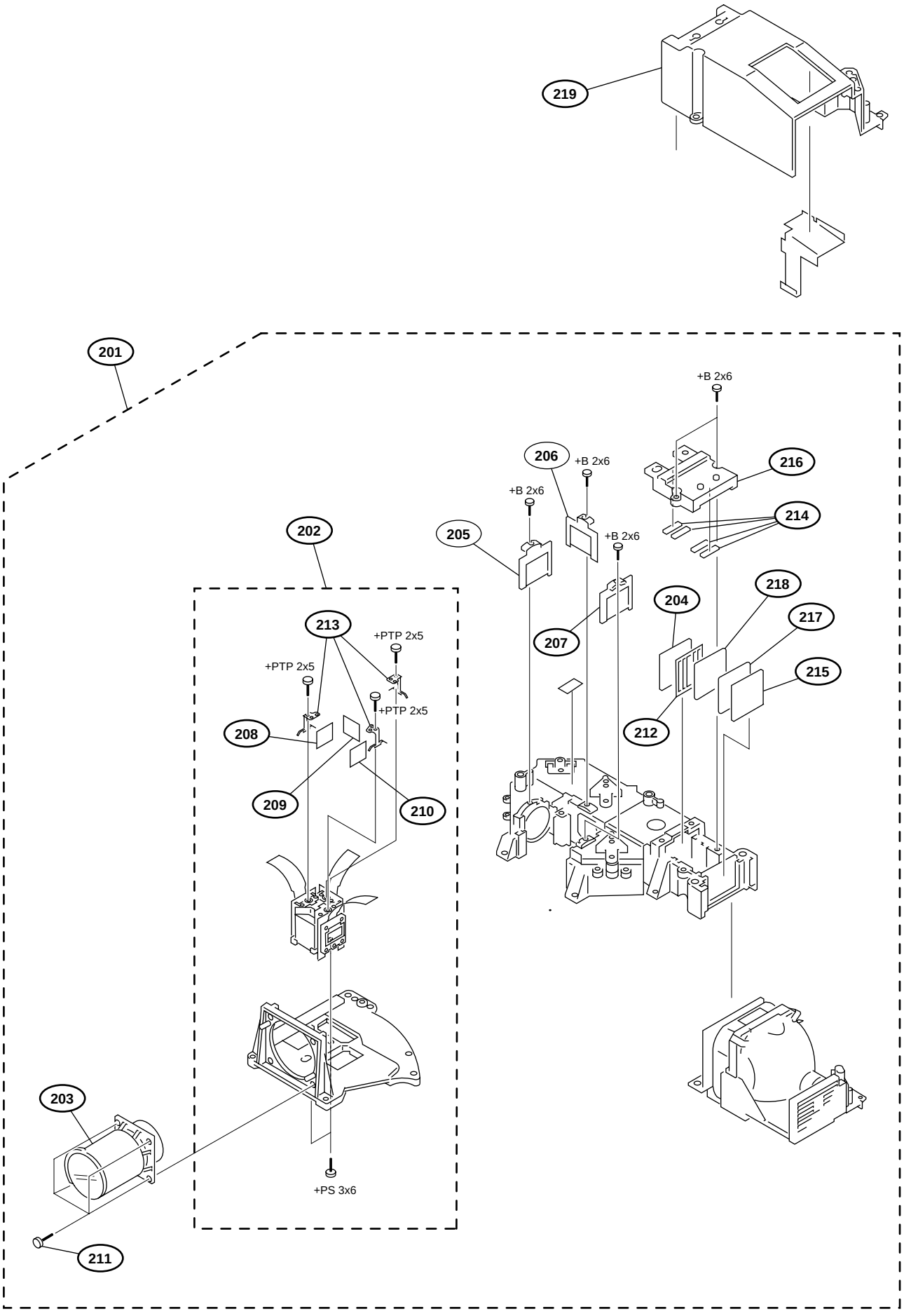
Chassis (VPL-CX5)



VPL-CX5 (Serial No. 10.001-) : (A3)
VPL-CX5 (Serial No. 5.000.001-) : (A4)

No.	Part No.	SP	Description
101	A-1300-393-A	s	MOUNTED CIRCUIT BOARD, GA (A3)
101	A-1300-485-A	s	MOUNTED CIRCUIT BOARD, GA (A4)
102	A-1300-394-A	s	MOUNTED CIRCUIT BOARD, GB (A3)
102	A-1300-486-A	s	MOUNTED CIRCUIT BOARD, GB (A4)
103	A-1300-693-A	s	MOUNTED CIRCUIT BOARD, MS (A3)
103	A-1300-748-A	s	MOUNTED CIRCUIT BOARD, MS (A4)
104	A-1300-694-A	s	MOUNTED CIRCUIT BOARD, MSC (A3)
104	A-1300-749-A	s	MOUNTED CIRCUIT BOARD, MSC (A4)
105	A-1400-720-A	s	MOUNTED CIRCUIT BOARD, U (A3)
105	A-1400-914-A	s	MOUNTED CIRCUIT BOARD, U (A4)
106	1-900-267-27	s	CONNECTOR ASSY, FLAT 24P
107	1-900-267-36	s	CONNECTOR ASSY, FLAT 50P
108	1-900-267-37	s	CONNECTOR ASSY B, FLAT 12P
109	4-082-759-01	s	SCREW, MACHINE, (+)P M4X12
Screws/Washers			
	7-682-547-04	s	SCREW +B 3X6
	7-682-563-04	s	SCREW +B 4X12(EP-FE/CU,NI,CR)
	7-685-903-31	s	SCREW,+PWHTP 3X10(EP-FE/ZNBK/C)

Optics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+PTP 2x5
207
215
+PTP 2x5
+PTP 2x5
208
212
209
210
+PS 3x6
203
211

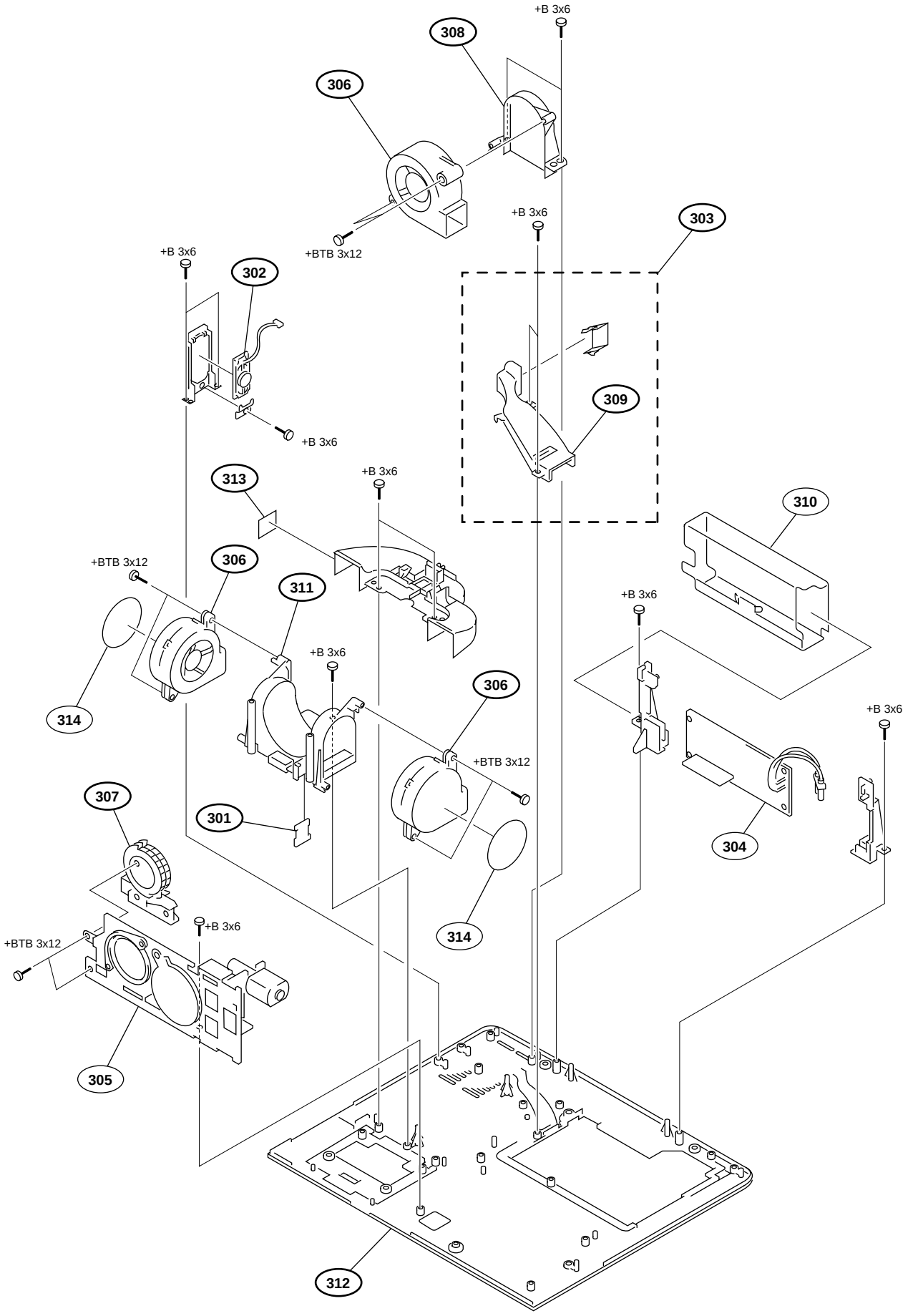
VPL-CS5 (Serial No. 10.001-) : (A1)
VPL-CS5 (Serial No. 5.000.001-) : (A2)
VPL-CX5 (Serial No. 10.001-) : (A3)
VPL-CX5 (Serial No. 5.000.001-) : (A4)

No.	Part No.	SP	Description
201	A-1603-660-A	s	OPT UNIT ASSY (A1)(A2)
201	A-1603-673-A	s	OPT UNIT ASSY (A3)(A4)
202	A-1603-661-A	s	PRISM BLOCK ASSY (A1)(A2)
202	A-1603-671-A	s	PRISM BLOCK ASSY (A3)(A4)
203	A-1603-662-A	s	PROJECTION LENS ASSY
204	A-1603-663-A	s	PS ASSY
205	A-1603-664-A	s	IN-POLARIZER (R) ASSY
206	A-1603-665-A	s	IN-POLARIZER (G) ASSY
207	A-1603-666-A	s	IN-POLARIZER (B) ASSY
208	A-1603-667-A	s	OUT-PRE-POLARIZER (R) ASSY
209	A-1603-668-A	s	OUT-PRE-POLARIZER (G) ASSY
210	A-1603-669-A	s	OUT-PRE-POLARIZER (B) ASSY
211	4-074-474-01	s	+BSW M3X8
212	4-089-520-01	s	APERTURE, PS COM
213	4-089-522-01	s	FASTENER (OP)
214	4-089-526-01	s	CUSHION
215	4-089-551-01	s	PRE-FILTER, UV-CUT
216	4-089-552-01	s	COVER (B), UNIT
217	4-089-558-01	s	FLY EYE, LENS-1
218	4-089-559-01	s	FLY EYE, LENS-2
219	4-090-112-01	o	HOUSE, LAMP

Screws/Washers

	7-621-772-38	s	SCREW +B 2X6
	7-682-647-09	s	SCREW +PS 3X6(EP-FE/ZNBK/CM2)
	7-685-103-19	s	SCREW +PTP 2X5

Base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304
+B 3x6
307
301
314
+BTB 3x12
+B 3x6
305
312

VPL-CS5 (Serial No. 10.001-) : (A1)
VPL-CS5 (Serial No. 5.000.001-) : (A2)
VPL-CX5 (Serial No. 10.001-) : (A3)
VPL-CX5 (Serial No. 5.000.001-) : (A4)

No.	Part No.	SP	Description
301	A-1400-721-A	s	MOUNTED CIRCUIT BOARD, V (A1)(A3)
301	A-1400-915-A	s	MOUNTED CIRCUIT BOARD, V (A2)(A4)
302	A-1603-156-A	s	SPEAKER ASSY (A1)(A3)
302	A-1603-250-A	s	SPEAKER ASSY (A2)(A4)
303	X-4040-721-1	o	DUCT ASSY, LAMP
304 ⚠	1-468-696-11	s	POWER BLOCK (LAMP)
305	1-477-433-11	s	ADJUSTOR UNIT
306	1-763-886-11	s	FAN, DC (SIROCCO)
307	4-090-090-01	s	GEAR, LENS
308	4-090-104-01	o	HOLDER, FAN (RE)
309	4-090-111-01	o	DUCT, (LAMP)
310	4-090-114-01	s	SHEET (LPS)
311	4-090-120-01	o	HOLDER (IN), FAN
312	4-090-124-01	o	BASE
313	4-090-740-01	s	SHEET, DUCT
314	4-090-742-01	s	SHEET (FAN)

Screws/Washers

	7-682-547-04	s	SCREW +B3X6
	7-685-548-19	s	SCREW +BTB 3X12 (EP-FE/ZNBK/CM)

4-3. Electrical Parts List

C BOARD(VPL-CS5)

Note :
∗1 If IC406 becomes defective, replace the entire C board.

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1300-395-A	s	MOUNTED CIRCUIT BOARD, C(A1)
1pc	A-1300-487-A	s	MOUNTED CIRCUIT BOARD, C(A2)
C100	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C101	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C102	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C103	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C104	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C105	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C106	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C107	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C108	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C109	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C111	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C112	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C113	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C114	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C115	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C116	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C117	1-137-987-81	s	CAPACITOR,C.CERAMIC 0.068MF
C118	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C119	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C120	1-165-875-11	s	CAPACITOR,CHIP CERAMIC 10MF B
C121	1-165-871-11	s	CAPACITOR,ELECT 22MF
C122	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C123	1-165-875-11	s	CAPACITOR,CHIP CERAMIC 10MF B
C124	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C125	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C126	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C127	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C128	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C129	1-165-871-21	s	CAPACITOR,SOLID ELECT 22MF
C130	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C131	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C132	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C133	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C134	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C135	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C136	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C137	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C138	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C139	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C140	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C141	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C142	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C143	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C144	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C145	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C146	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C147	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C148	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C149	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C150	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C151	1-164-173-11	s	CAPACITOR,CERAMIC 3900PF/50V B
C152	1-137-652-91	s	CAPACITOR,CERAMIC 39000PF /16V
C153	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C154	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F

(C BOARD)(VPL-CS5)

Ref. No. or Q'ty	Part No.	SP	Description
C155	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C156	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C157	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C158	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C159	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C160	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C161	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C162	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C163	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C164	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C165	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C166	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C200	1-164-854-11	s	CAPACITOR CERAMIC 15PF/16V CH
C201	1-164-854-11	s	CAPACITOR CERAMIC 15PF/16V CH
C206	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C207	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C208	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C209	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C210	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C211	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C215	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C216	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C217	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C218	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C219	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C220	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C221	1-165-871-11	s	CAPACITOR,ELECT 22MF
C222	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C223	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C224	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C225	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C226	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C227	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C228	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C229	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C230	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C233	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C234	1-165-871-11	s	CAPACITOR,ELECT 22MF
C245	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C260	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C261	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C262	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C263	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C300	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C301	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C302	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C303	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C304	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C305	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C306	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C307	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C308	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C309	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C310	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C311	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C312	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C314	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C315	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C316	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16

(C BOARD)(VPL-CS5)

Ref. No. or Q'ty	Part No.	SP	Description
C317	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C318	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C319	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C320	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C321	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C322	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C323	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C324	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C325	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C328	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C329	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C330	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C331	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C332	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C333	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C334	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C335	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C336	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C337	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C338	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C339	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C340	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C341	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C342	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C401	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C402	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C403	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C404	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C406	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C407	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C408	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C409	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C410	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C411	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C412	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C413	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C414	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C415	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C416	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C450	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C451	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C452	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C471	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C472	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C473	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C474	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C475	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C501	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C502	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C503	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C504	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C505	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C506	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C507	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C508	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C509	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C510	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C511	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C512	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

(C BOARD)(VPL-CS5)

Ref. No. or Q'ty	Part No.	SP	Description
C513	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C514	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C515	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C516	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C517	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C518	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C519	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C520	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C521	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C550	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C552	1-115-340-11	s	CAPACITOR CERAMIC 0.22MF/25V B
C553	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C554	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C555	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C601	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C602	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C603	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C604	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C605	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C606	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C607	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C608	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C609	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C610	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C611	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C612	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C613	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C614	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C615	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C616	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C617	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C618	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C619	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C620	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C621	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C701	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C702	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C703	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C704	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C705	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C706	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C707	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C708	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C709	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C710	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C711	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C712	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C713	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C714	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C715	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C716	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C717	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C718	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C719	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C720	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C721	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C800	1-124-778-00	s	CAPACITOR,ELECT 22MF/6.3V
C801	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C802	1-165-871-11	s	CAPACITOR,ELECT 22MF

Ref. No. or Q'ty	Part No.	SP	Description
C803	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C804	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C805	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C806	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C807	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C808	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C809	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C810	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C811	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C812	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C813	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C814	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C815	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C816	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C817	1-124-778-00	s	CAPACITOR,ELECT 22MF/6.3V
C818	1-164-940-11	s	CAPACITOR,CHIP CERAMIC 3300/16
C819	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C820	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C821	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C822	1-164-940-11	s	CAPACITOR,CHIP CERAMIC 3300/16
C903	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C904	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C905	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C906	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C908	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C910	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C911	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C913	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C914	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C915	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C916	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C917	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C918	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C919	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C920	1-131-998-21	s	CAPACITOR,SOLID 82MF
C1026	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C1101	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1102	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C1103	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C1104	1-126-204-11	s	CAPACITOR,ELECT 47MF/16V(CHIP
C1105	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C1106	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C1107	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1108	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1109	1-126-204-11	s	CAPACITOR,ELECT 47MF/16V(CHIP
C1110	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C1111	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1112	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1113	1-126-204-11	s	CAPACITOR,ELECT 47MF/16V(CHIP
C1114	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1115	1-126-204-11	s	CAPACITOR,ELECT 47MF/16V(CHIP
C1116	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C1117	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1118	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1119	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1120	1-117-370-11	s	CAPASITER CERAMIC 10MF (3216)
C1124	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C1125	1-107-682-11	s	CAPACITOR,CHIP 1MF/16V (3216)
C1126	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH

(C BOARD)(VPL-CS5)

Ref. No. or Q'ty	Part No.	SP	Description
C1127	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C1128	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C1137	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C1138	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1140	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1143	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1144	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1145	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1146	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
CN100	1-784-828-11	s	CONNECTOR, D SUB
CN201	1-770-629-21	s	PIN, CONNECTOR 12P
CN401	1-770-621-21	s	PIN, CONNECTOR 4P
CN502	1-779-730-11	s	CONNECTOR, FFC/FPC (ZIF) 24P
CN602	1-779-730-11	s	CONNECTOR, FFC/FPC (ZIF) 24P
CN702	1-779-730-11	s	CONNECTOR, FFC/FPC (ZIF) 24P
CN800	1-770-629-21	s	PIN, CONNECTOR 12P
CN901	1-770-621-21	s	PIN, CONNECTOR 4P
CN903	1-691-491-21	s	CONNECTOR, FFC/FPC 12P
CN904	1-764-829-11	o	CONNECTOR, FPC 24P
CN906	1-580-055-21	o	PIN, CONNECTOR 2P
CN907	1-770-624-21	s	PIN, CONNECTOR 7P
CN908	1-580-056-21	o	PIN,CONNECTOR 3P
CN909	1-580-056-21	o	PIN,CONNECTOR 3P
CN910	1-580-056-21	o	PIN,CONNECTOR 3P
CN911	1-580-056-21	o	PIN,CONNECTOR 3P
CN912	1-580-056-21	o	PIN,CONNECTOR 3P
CN913	1-778-336-21	s	PIN, CONNECTOR (PC BOARD) 14P
CN914	1-770-622-21	s	PIN, CONNECTOR 5P
CN915	1-770-623-21	s	PIN, CONNECTOR 6P
CN1101	1-569-775-21	o	PIN, CONNECTOR 5P
CN1102	1-580-055-21	o	PIN, CONNECTOR 2P
D100	8-719-073-11	s	DIODE BZA456A
D101	8-719-024-77	s	DIODE HN1D03FU-TE85L
D102	8-719-059-53	s	DIODE MA3J14700LSO
D103	8-719-059-53	s	DIODE MA3J14700LSO
D104	8-719-059-53	s	DIODE MA3J14700LSO
D105	8-719-988-61	s	DIODE 1SS355TE-17
D106	8-719-988-61	s	DIODE 1SS355TE-17
D200	8-719-059-53	s	DIODE MA3J14700LSO
D201	8-719-059-53	s	DIODE MA3J14700LSO
D202	8-719-059-53	s	DIODE MA3J14700LSO
D300	8-719-941-86	s	DIODE DAN202U
D800	8-719-024-77	s	DIODE HN1D03FU-TE85L
D901	8-719-941-86	s	DIODE DAN202U
D902	8-719-941-86	s	DIODE DAN202U
D903	8-719-941-86	s	DIODE DAN202U
D904	8-719-073-11	s	DIODE BZA456A
D905	8-719-083-58	s	DIODE UDZSTE-173.9B
D1008	8-719-083-58	s	DIODE UDZSTE-173.9B
D1009	8-719-083-58	s	DIODE UDZSTE-173.9B
FB100	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB101	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB102	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB200	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB201	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB300	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB301	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB302	1-414-921-11	s	INDUCTOR, FERRITE BEAD

Ref. No. or Q'ty	Part No.	SP	Description
FB303	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB401	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB402	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB403	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB404	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB405	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB450	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB451	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB452	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB471	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB502	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB503	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB550	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB552	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB602	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB603	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB702	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB703	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB800	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB801	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB901	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB902	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB903	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB904	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB905	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB906	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB907	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB908	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB909	1-239-899-21	s	FILTER, CHIP EMI
FB910	1-239-899-21	s	FILTER, CHIP EMI
FB911	1-239-899-21	s	FILTER, CHIP EMI
FB912	1-239-899-21	s	FILTER, CHIP EMI
FB913	1-239-899-21	s	FILTER, CHIP EMI
FB914	1-239-899-21	s	FILTER, CHIP EMI
FB915	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB916	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB917	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB918	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB920	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB921	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB922	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB923	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB924	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB925	1-469-670-11	o	FERRITE, EMI (SMD)
FB926	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB927	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB928	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB929	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB930	1-239-899-21	s	FILTER, CHIP EMI
FB931	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB932	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB933	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB934	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB935	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB936	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB937	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB938	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB939	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB940	1-469-407-21	s	BEAD, FERRITE 0.5A100

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Ref. No. or Q'ty	Part No.	SP	Description
FB941	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB942	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB943	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB944	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB945	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB946	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB947	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB948	1-469-670-11	o	FERRITE, EMI (SMD)
FB1003	1-469-185-11	s	INDUCTOR, FERRITE BEAD
FB1005	1-469-185-11	s	INDUCTOR, FERRITE BEAD
FB1006	1-414-234-11	s	INDUCTOR,FERRITE BEAD
FB1007	1-414-234-11	s	INDUCTOR,FERRITE BEAD
FB1102	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1103	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1104	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1106	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1107	1-414-921-11	s	INDUCTOR, FERRITE BEAD
IC100	8-759-661-55	s	IC ST24FC21M6TR
IC101	8-759-533-85	s	IC L88M05T-FA-TL
IC102	8-759-646-02	s	IC M52347FP-TE
IC103	8-759-460-72	s	IC BA033FP
IC104	8-759-659-65	s	IC LP2985IM5X-3.3
IC105	6-702-573-01	s	IC AD9883AKST-110
IC202	8-759-460-72	s	IC BA033FP
IC204	8-759-549-14	s	IC SN74LV244APWR
IC205	8-759-549-07	s	IC SN74LV157APWR
IC206	8-759-659-65	s	IC LP2985IM5X-3.3
IC301	8-759-582-37	s	IC PQ2TZ15U
IC302	8-759-649-43	s	IC SN74AHC1G00DCKR
IC303	8-759-593-23	s	IC S-80928ANMP-DDR-T2
IC304	8-759-548-96	s	IC SN74LV02APWR
IC305	6-702-809-01	s	IC ICS332-SX1734
IC306	8-759-549-01	s	IC SN74LV125APWR
IC307	6-802-339-01	s	IC MBM29LV800TA-70PFTN-1734-2
IC401	8-759-669-41	s	IC SN74LVC125APWR-12
IC403	8-759-447-77	s	IC TC7WH74FU (TE12R)
IC404	8-759-548-99	s	IC SN74LV08APWR
IC405	8-759-593-23	s	IC S-80928ANMP-DDR-T2
IC406 *1			IC M24C64-WMN6T(B)
IC450	8-759-679-58	s	IC SN74AHCT541PWR
IC451	8-759-679-58	s	IC SN74AHCT541PWR
IC452	8-759-649-32	s	IC SN74AHCT1G04DCKR
IC471	8-759-542-46	s	IC M62392FP
IC502	8-752-103-51	s	IC CXA7000R-T6
IC550	8-759-252-41	s	IC TK11900MTL
IC551	8-759-388-31	s	IC PQ20VZ1U
IC602	8-752-103-51	s	IC CXA7000R-T6
IC702	8-752-103-51	s	IC CXA7000R-T6
IC800	8-759-652-56	s	IC BA033F-E2
IC801	6-702-624-01	s	IC HD64F2377VFQ33V
IC802	8-759-593-23	s	IC S-80928ANMP-DDR-T2
IC803	6-702-688-01	s	IC M24C64-WMN6T(B)
IC804	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC805	8-759-533-85	s	IC L88M05T-FA-TL
IC903	8-759-681-47	s	IC IRMF-A0T-QTP
IC906	8-759-388-31	s	IC PQ20VZ1U
IC907	8-759-533-85	s	IC L88M05T-FA-TL
IC905	8-759-388-31	s	IC PQ20VZ1U

Ref. No. or Q'ty	Part No.	SP	Description
IC1101	8-759-714-09	s	IC ADXL202JE-REEL
IC1102	8-759-548-96	s	IC SN74LV02APWR
IC1103	8-759-352-94	s	IC TDA7309D013TR
IC1104	8-759-460-79	s	IC BA09FP-E2
IC1105	8-759-580-33	s	IC BA6288FS-E2
IC1106	6-702-697-01	s	IC TPA2001D1PW
IC1108	8-759-575-16	s	IC LMC7101BIM5X
IC1109	8-759-533-85	s	IC L88M05T-FA-TL
J1001	1-779-677-11	s	CONNECTOR, USB (B)
L100	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L101	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L201	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L202	1-469-526-11	s	INDUCTOR 22UH (NLFV25)
L300	1-469-523-91	s	INDUCTOR 2.2UH
L471	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L501	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L502	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L503	1-414-078-11	s	INDUCTOR 10UH
L601	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L602	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L603	1-414-078-11	s	INDUCTOR 10UH
L701	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L702	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L703	1-414-078-11	s	INDUCTOR 10UH
L1101	1-412-028-11	s	INDUCTOR,CHIP 4.7UH (3225)
Q100	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q101	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q102	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q103	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q104	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q105	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q402	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q450	8-729-907-00	s	TRANSISTOR DTC114EU
Q471	8-729-013-26	s	TRANSISTOR HN1C03FU-TE85R
Q501	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q502	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q601	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q602	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q701	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q702	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q800	8-729-013-26	s	TRANSISTOR HN1C03FU-TE85R
Q801	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q901	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q902	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q903	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q904	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q1104	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
R100	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R101	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R102	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R103	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R104	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R105	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R106	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R107	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R108	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R109	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R110	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R111	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R112	1-218-937-11	s	RESISTOR, CHIP 47
R113	1-218-937-11	s	RESISTOR, CHIP 47
R114	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R115	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R116	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R117	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R119	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R120	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R122	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R123	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R124	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R125	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R128	1-218-937-11	s	RESISTOR, CHIP 47
R130	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R131	1-218-937-11	s	RESISTOR, CHIP 47
R132	1-218-937-11	s	RESISTOR, CHIP 47
R133	1-218-937-11	s	RESISTOR, CHIP 47
R134	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R135	1-218-937-11	s	RESISTOR, CHIP 47
R136	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R137	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R138	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R141	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R142	1-218-959-11	s	RESISTOR, CHIP 3.3K
R144	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R145	1-218-937-11	s	RESISTOR, CHIP 47
R146	1-218-937-11	s	RESISTOR, CHIP 47
R147	1-218-937-11	s	RESISTOR, CHIP 47
R148	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R149	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R150	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R151	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R152	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R153	1-218-937-11	s	RESISTOR, CHIP 47
R155	1-218-937-11	s	RESISTOR, CHIP 47
R156	1-218-937-11	s	RESISTOR, CHIP 47
R157	1-218-937-11	s	RESISTOR, CHIP 47
R159	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R160	1-218-937-11	s	RESISTOR, CHIP 47
R161	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R163	1-218-937-11	s	RESISTOR, CHIP 47
R164	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R165	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R166	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R167	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R168	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R169	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R170	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R171	1-208-701-11	s	RESISTOR CHIP 5.6K 1/16W(1005)
R172	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R173	1-218-937-11	s	RESISTOR, CHIP 47
R174	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R175	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R176	1-208-689-11	s	RESISTOR CHIP 1.8K 1/16W(1005)
R177	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R178	1-208-693-11	s	RESISTOR CHIP 2.7K 1/16W(1005)
R179	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)

Ref. No. or Q'ty	Part No.	SP	Description
R180	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R181	1-218-981-11	s	RESISTOR CHIP 220K 1/16W(1005)
R201	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R202	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R206	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R207	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R208	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R209	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R211	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R212	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R213	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R217	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R218	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R219	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R220	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R221	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R222	1-218-937-11	s	RESISTOR, CHIP 47
R223	1-218-937-11	s	RESISTOR, CHIP 47
R224	1-218-937-11	s	RESISTOR, CHIP 47
R225	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R226	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R229	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R230	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R231	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R233	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R236	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R238	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R249	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R251	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R252	1-218-937-11	s	RESISTOR, CHIP 47
R253	1-218-937-11	s	RESISTOR, CHIP 47
R254	1-218-937-11	s	RESISTOR, CHIP 47
R255	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R256	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R257	1-218-937-11	s	RESISTOR, CHIP 47
R262	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R267	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R268	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R301	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R302	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R303	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R304	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R305	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R306	1-218-943-11	s	RESISTOR CHIP 150 1/16W (1005)
R308	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R310	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R312	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R313	1-218-937-11	s	RESISTOR CHIP 47 1/16W (1005)
R314	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R315	1-218-959-11	s	RESISTOR, CHIP 3.3K
R316	1-218-959-11	s	RESISTOR, CHIP 3.3K
R317	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R318	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R319	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R320	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R321	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R322	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R325	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R326	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R327	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R328	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R331	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R332	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R401	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R402	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R403	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R404	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R405	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R406	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R407	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R408	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R409	1-218-937-11	s	RESISTOR, CHIP 47
R410	1-218-937-11	s	RESISTOR, CHIP 47
R416	1-218-937-11	s	RESISTOR, CHIP 47
R419	1-218-937-11	s	RESISTOR, CHIP 47
R420	1-218-937-11	s	RESISTOR, CHIP 47
R421	1-218-937-11	s	RESISTOR, CHIP 47
R422	1-218-937-11	s	RESISTOR, CHIP 47
R423	1-218-937-11	s	RESISTOR, CHIP 47
R424	1-218-937-11	s	RESISTOR, CHIP 47
R425	1-218-937-11	s	RESISTOR, CHIP 47
R426	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R427	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R428	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R429	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R430	1-218-960-11	s	RESISTOR, CHIP 3.9K 1/16W
R431	1-218-960-11	s	RESISTOR, CHIP 3.9K 1/16W
R450	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R451	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R452	1-218-937-11	s	RESISTOR, CHIP 47
R471	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R472	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R473	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R474	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R475	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R476	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R477	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R478	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R501	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R502	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R507	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R508	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R521	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R522	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R523	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R524	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R525	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R526	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R528	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R550	1-208-711-11	s	RESISTOR CHIP 15K 1/16W (1005)
R551	1-218-744-11	s	RESISTOR,CHIP 150K 1/16W
R552	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R553	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R554	1-219-598-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R555	1-208-711-11	s	RESISTOR CHIP 15K 1/16W (1005)
R556	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R601	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R602	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W

Ref. No. or Q'ty	Part No.	SP	Description
R607	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R608	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R621	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R622	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R623	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R624	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R625	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R626	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R628	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R701	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R702	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R707	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R708	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R721	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R722	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R723	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R724	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R725	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R726	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R728	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R800	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R801	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R803	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R805	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R806	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R807	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R808	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R809	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R810	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R811	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R812	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R813	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R814	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R815	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R816	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R817	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R818	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R819	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R820	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R821	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R822	1-218-965-11	s	RESISTOR,CHIP 10K 1/16W
R823	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R825	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R826	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R827	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R828	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R829	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R830	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R832	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R833	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R834	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R835	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R836	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R838	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R839	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R840	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R841	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R842	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R843	1-218-958-11	s	RESISTOR,CHIP 2.7K 1/16W(1005)

(C BOARD)(VPL-CS5)

Ref. No. or Q'ty	Part No.	SP	Description
R844	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R845	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R846	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R847	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R848	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R850	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R851	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R852	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R853	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R854	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R904	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R905	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R906	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R907	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R908	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R909	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R910	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R911	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R912	1-218-962-11	s	RESISTOR,CHIP 5.6K 1/16W(1005)
R913	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R914	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R915	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R916	1-218-959-11	s	RESISTOR, CHIP 3.3K
R917	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R918	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R919	1-208-717-11	s	RESISTOR CHIP 27K 1/16W (1005)
R920	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R921	1-208-697-11	s	RESISTOR CHIP 3.9K 1/16W(1005)
R922	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R923	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R924	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R925	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R926	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R927	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R928	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R930	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R931	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R932	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R933	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R934	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R935	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R936	1-208-717-11	s	RESISTOR CHIP 27K 1/16W (1005)
R937	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R938	1-208-697-11	s	RESISTOR CHIP 3.9K 1/16W(1005)
R939	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R940	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R941	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R942	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R943	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R944	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R945	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R946	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R947	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1101	1-218-917-11	s	RESISTOR,CHIP 820K 1/10W(1608)
R1102	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1104	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1105	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1106	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1107	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)

Ref. No. or Q'ty	Part No.	SP	Description
R1108	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1109	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1116	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1117	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1118	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1120	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1121	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1122	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1124	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1125	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1126	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1128	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1129	1-218-978-11	s	RESISTOR,CHIP 120K 1/16W(1005)
R1130	1-216-296-00	s	CONDUCTOR, CHIP (3216)
R1131	1-216-296-00	s	CONDUCTOR, CHIP (3216)
R1132	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1133	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1146	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
RB100	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB101	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB102	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB103	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB104	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB105	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB200	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB201	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB202	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB203	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB205	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB300	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB301	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB302	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB303	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB304	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB305	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB401	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB402	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB403	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB404	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB405	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB406	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB450	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB451	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB452	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB453	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB454	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB471	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB472	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB473	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB501	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB502	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB601	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB602	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB701	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB702	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB800	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB801	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB802	1-234-372-21	s	RES, NETWORK 100X4 (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
RB803	1-234-375-21	s	RES, NETWORK 1KX4 (1005)
RB804	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB805	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB806	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB807	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB808	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB809	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB810	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB811	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB812	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB813	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB814	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB815	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB816	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB817	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB818	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB819	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB820	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB821	1-234-372-21	s	RES, NETWORK 100X4 (1005)
S401	1-771-337-21	s	SWITCH, SLIDE
TH800	1-803-382-11	s	THERMISTOR (1005)
TH1101	1-803-615-11	s	THERMISTOR, POSITIVE
TP101	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP102	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP203	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP301	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP302	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP401	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP449	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP450	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP451	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP452	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP453	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP454	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP455	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP456	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP457	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP458	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP459	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP501	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP502	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP503	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP601	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP602	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP603	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP701	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP702	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP703	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP800	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP801	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1102	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
X200	1-795-692-11	s	VIBRATOR, CRYSTAL(24.576MHz)
X300	1-795-650-21	s	VIBRATOR, CRYSTAL(16.384MHz)
X800	1-795-650-21	s	VIBRATOR, CRYSTAL(16.384MHz)

C BOARD(VPL-CX5)

Note :
∗1 If IC406 becomes defective, replace the entire C board.

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1300-692-A	s	MOUNTED CIRCUIT BOARD, C(A3)
1pc	A-1300-747-A	s	MOUNTED CIRCUIT BOARD, C(A4)
C100	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C101	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C102	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C103	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C104	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C105	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C106	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C107	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C108	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C109	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C111	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C112	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C113	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C114	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C115	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C116	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C117	1-137-987-81	s	CAPACITOR,C.CERAMIC 0.068MF
C118	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C119	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C120	1-165-875-11	s	CAPACITOR, CHIP CERAMIC 10MF B
C121	1-165-871-11	s	CAPACITOR,ELECT 22MF
C122	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C123	1-165-875-11	s	CAPACITOR, CHIP CERAMIC 10MF B
C124	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C125	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C126	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C127	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C128	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C129	1-165-871-21	s	CAPACITOR,SOLID ELECT 22MF
C130	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C131	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C132	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C133	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C134	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C135	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C136	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C137	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C138	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C139	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C140	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C141	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C142	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C143	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C144	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C145	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C146	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C147	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C148	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C149	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C150	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C151	1-164-173-11	s	CAPACITOR,CERAMIC 3900PF/50V B
C152	1-137-652-91	s	CAPACITOR,CERAMIC 39000PF /16V
C153	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C154	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F

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Ref. No. or Q'ty	Part No.	SP	Description
C155	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C156	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C157	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C158	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C159	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C160	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C161	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C162	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C163	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C164	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C165	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C166	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C200	1-164-854-11	s	CAPACITOR CERAMIC 15PF/16V CH
C201	1-164-854-11	s	CAPACITOR CERAMIC 15PF/16V CH
C206	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C207	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C208	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C209	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C210	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C211	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C215	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C216	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C217	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C218	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C219	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C220	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C221	1-165-871-11	s	CAPACITOR,ELECT 22MF
C222	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C223	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C224	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C225	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C226	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C227	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C228	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C229	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C230	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C233	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C234	1-165-871-11	s	CAPACITOR,ELECT 22MF
C245	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C260	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C261	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C262	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C263	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C300	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C301	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C302	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C303	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C304	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C305	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C306	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C307	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C308	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C309	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C310	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C311	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C312	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C314	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C315	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C316	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16

Ref. No. or Q'ty	Part No.	SP	Description
C317	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C318	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C319	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C320	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C321	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C322	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C323	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C324	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C325	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C328	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C329	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C330	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C331	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C332	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C333	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C334	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C335	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C336	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C337	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C338	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C339	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C340	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C341	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C342	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C401	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C402	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C403	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C404	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C406	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C407	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C408	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C409	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C410	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C411	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C412	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C413	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C414	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C415	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C416	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C450	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C451	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C452	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C471	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C472	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C473	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C474	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C475	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C501	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C502	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C503	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C504	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C505	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C506	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C507	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C508	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C509	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C510	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C511	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C512	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

(C BOARD)(VPL-CX5)

Ref. No. or Q'ty	Part No.	SP	Description
C513	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C514	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C515	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C516	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C517	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C518	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C519	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C520	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C521	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C550	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C552	1-115-340-11	s	CAPACITOR CERAMIC 0.22MF/25V B
C553	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C554	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C555	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C601	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C602	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C603	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C604	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C605	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C606	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C607	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C608	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C609	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C610	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C611	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C612	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C613	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C614	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C615	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C616	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C617	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C618	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C619	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C620	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C621	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C701	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C702	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C703	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C704	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C705	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C706	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C707	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C708	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C709	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C710	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C711	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C712	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C713	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C714	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C715	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C716	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C717	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C718	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C719	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C720	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C721	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C800	1-124-778-00	s	CAPACITOR,ELECT 22MF/6.3V
C801	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C802	1-165-871-11	s	CAPACITOR,ELECT 22MF

Ref. No. or Q'ty	Part No.	SP	Description
C803	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C804	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C805	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C806	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C807	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C808	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C809	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C810	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C811	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C812	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C813	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C814	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C815	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C816	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C817	1-124-778-00	s	CAPACITOR,ELECT 22MF/6.3V
C818	1-164-940-11	s	CAPACITOR,CHIP CERAMIC 3300/16
C819	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C820	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C821	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C822	1-164-940-11	s	CAPACITOR,CHIP CERAMIC 3300/16
C903	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C904	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C905	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C906	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C908	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C910	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C911	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C913	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C914	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C915	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C916	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C917	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C918	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C919	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C920	1-131-998-21	s	CAPACITOR,SOLID ELECT 82MF
C1026	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C1101	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1102	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C1103	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C1104	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C1105	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C1106	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C1107	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1108	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1109	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C1110	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C1111	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1112	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1113	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C1114	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1115	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C1116	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C1117	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1118	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1119	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1120	1-117-370-11	s	CAPASITER CERAMIC 10MF (3216)
C1124	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C1125	1-107-682-11	s	CAPACITOR,CHIP 1MF/16V (3216)
C1126	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH

(C BOARD)(VPL-CX5)

Ref. No. or Q'ty	Part No.	SP	Description
C1127	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C1128	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C1137	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C1138	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1140	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1143	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1144	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1145	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1146	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
CN100	1-784-828-11	s	CONNECTOR, D SUB
CN201	1-770-629-21	s	PIN, CONNECTOR 12P
CN202	1-785-613-11	o	CONNECTOR, FFC/FPC 50P
CN401	1-770-621-21	s	PIN, CONNECTOR 4P
CN501	1-794-823-11	s	CONNECTOR (ZIF), FPC/FFC 32P
CN601	1-794-823-11	s	CONNECTOR (ZIF), FPC/FFC 32P
CN701	1-794-823-11	s	CONNECTOR (ZIF), FPC/FFC 32P
CN800	1-770-629-21	s	PIN, CONNECTOR 12P
CN901	1-770-621-21	s	PIN, CONNECTOR 4P
CN903	1-691-491-21	s	CONNECTOR, FFC/FPC 12P
CN904	1-764-829-11	o	CONNECTOR, FPC 24P
CN906	1-580-055-21	o	PIN, CONNECTOR 2P
CN907	1-770-624-21	s	PIN, CONNECTOR 7P
CN908	1-580-056-21	o	PIN,CONNECTOR 3P
CN909	1-580-056-21	o	PIN,CONNECTOR 3P
CN910	1-580-056-21	o	PIN,CONNECTOR 3P
CN911	1-580-056-21	o	PIN,CONNECTOR 3P
CN912	1-580-056-21	o	PIN,CONNECTOR 3P
CN913	1-778-336-21	s	PIN, CONNECTOR (PC BOARD) 14P
CN914	1-770-622-21	s	PIN, CONNECTOR 5P
CN915	1-770-623-21	s	PIN, CONNECTOR 6P
CN1101	1-569-775-21	o	PIN, CONNECTOR 5P
CN1102	1-580-055-21	o	PIN, CONNECTOR 2P
D100	8-719-073-11	s	DIODE BZA456A
D101	8-719-024-77	s	DIODE HN1D03FU-TE85L
D102	8-719-059-53	s	DIODE MA3J14700LSO
D103	8-719-059-53	s	DIODE MA3J14700LSO
D104	8-719-059-53	s	DIODE MA3J14700LSO
D105	8-719-988-61	s	DIODE 1SS355TE-17
D106	8-719-988-61	s	DIODE 1SS355TE-17
D200	8-719-059-53	s	DIODE MA3J14700LSO
D201	8-719-059-53	s	DIODE MA3J14700LSO
D202	8-719-059-53	s	DIODE MA3J14700LSO
D300	8-719-941-86	s	DIODE DAN202U
D800	8-719-024-77	s	DIODE HN1D03FU-TE85L
D901	8-719-941-86	s	DIODE DAN202U
D902	8-719-941-86	s	DIODE DAN202U
D903	8-719-941-86	s	DIODE DAN202U
D904	8-719-073-11	s	DIODE BZA456A
D905	8-719-083-58	s	DIODE UDZSTE-173.9B
D1008	8-719-083-58	s	DIODE UDZSTE-173.9B
D1009	8-719-083-58	s	DIODE UDZSTE-173.9B
FB100	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB101	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB102	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB200	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB201	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB300	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB301	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S

Ref. No. or Q'ty	Part No.	SP	Description
FB302	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB303	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB401	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB402	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB403	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB404	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB405	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB450	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB451	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB452	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB471	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB502	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB503	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB550	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB552	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB602	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB603	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB702	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB703	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB800	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB801	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB901	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB902	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB903	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB904	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB905	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB906	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB907	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB908	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB909	1-239-899-21	s	FILTER, CHIP EMI
FB910	1-239-899-21	s	FILTER, CHIP EMI
FB911	1-239-899-21	s	FILTER, CHIP EMI
FB912	1-239-899-21	s	FILTER, CHIP EMI
FB913	1-239-899-21	s	FILTER, CHIP EMI
FB914	1-239-899-21	s	FILTER, CHIP EMI
FB915	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB916	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB917	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB918	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB920	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB921	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB922	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB923	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB924	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB925	1-469-670-11	o	FERRITE, EMI (SMD)
FB926	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB927	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB928	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB929	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB930	1-239-899-21	s	FILTER, CHIP EMI
FB931	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB932	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB933	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB934	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB935	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB936	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB937	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB938	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB939	1-414-921-11	s	INDUCTOR, FERRITE BEAD

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Ref. No. or Q'ty	Part No.	SP	Description
FB940	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB941	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB942	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB943	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB944	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB945	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB946	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB947	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB948	1-469-670-11	o	FERRITE, EMI (SMD)
FB1003	1-469-185-11	s	INDUCTOR, FERRITE BEAD
FB1005	1-469-185-11	s	INDUCTOR, FERRITE BEAD
FB1006	1-414-234-11	s	INDUCTOR,FERRITE BEAD
FB1007	1-414-234-11	s	INDUCTOR,FERRITE BEAD
FB1102	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1103	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1104	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1106	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1107	1-414-921-11	s	INDUCTOR, FERRITE BEAD
IC100	8-759-661-55	s	IC ST24FC21M6TR
IC101	8-759-533-85	s	IC L88M05T-FA-TL
IC102	8-759-646-02	s	IC M52347FP-TE
IC103	8-759-460-72	s	IC BA033FP
IC104	8-759-659-65	s	IC LP2985IM5X-3.3
IC105	6-702-807-01	s	IC AD9883AKST-140
IC202	8-759-460-72	s	IC BA033FP
IC204	8-759-549-14	s	IC SN74LV244APWR
IC205	8-759-549-07	s	IC SN74LV157APWR
IC206	8-759-659-65	s	IC LP2985IM5X-3.3
IC301	8-759-582-37	s	IC PQ2TZ15U
IC302	8-759-649-43	s	IC SN74AHC1G00DCKR
IC303	8-759-593-23	s	IC S-80928ANMP-DDR-T2
IC304	8-759-548-96	s	IC SN74LV02APWR
IC305	6-702-596-01	s	IC ICS332-SX1735
IC306	8-759-549-01	s	IC SN74LV125APWR
IC307	6-802-339-01	s	IC MBM29LV800TA-70PFTN-1734-2
IC401	8-759-669-41	s	IC SN74LVC125APWR-12
IC403	8-759-447-77	s	IC TC7WH74FU (TE12R)
IC404	8-759-548-99	s	IC SN74LV08APWR
IC405	8-759-593-23	s	IC S-80928ANMP-DDR-T2
IC406 *1			IC M24C64-WMN6T(B)
IC450	8-759-679-58	s	IC SN74AHCT541PWR
IC451	8-759-679-58	s	IC SN74AHCT541PWR
IC452	8-759-649-32	s	IC SN74AHCT1G04DCKR
IC471	8-759-542-46	s	IC M62392FP
IC501	8-752-103-41	s	IC CXA3562AR-T6
IC550	8-759-252-41	s	IC TK11900MTL
IC551	8-759-388-31	s	IC PQ20VZ1U
IC601	8-752-103-41	s	IC CXA3562AR-T6
IC701	8-752-103-41	s	IC CXA3562AR-T6
IC800	8-759-652-56	s	IC BA033F-E2
IC801	6-702-624-01	s	IC HD64F2377VFQ33V
IC802	8-759-593-23	s	IC S-80928ANMP-DDR-T2
IC803	6-702-688-01	s	IC M24C64-WMN6T(B)
IC804	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC805	8-759-533-85	s	IC L88M05T-FA-TL
IC903	8-759-681-47	s	IC IRMF-A0T-QTP
IC905	8-759-388-31	s	IC PQ20VZ1U
IC906	8-759-388-31	s	IC PQ20VZ1U

Ref. No. or Q'ty	Part No.	SP	Description
IC907	8-759-533-85	s	IC L88M05T-FA-TL
IC1101	8-759-714-09	s	IC ADXL202JE-REEL
IC1102	8-759-548-96	s	IC SN74LV02APWR
IC1103	8-759-352-94	s	IC TDA7309D013TR
IC1104	8-759-460-79	s	IC BA09FP-E2
IC1105	8-759-580-33	s	IC BA6288FS-E2
IC1106	6-702-697-01	s	IC TPA2001D1PW
IC1108	8-759-575-16	s	IC LMC7101BIM5X
IC1109	8-759-533-85	s	IC L88M05T-FA-TL
J1001	1-779-677-11	s	CONNECTOR, USB (B)
L100	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L101	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L201	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L202	1-469-526-11	s	INDUCTOR 22UH (NLFV25)
L300	1-469-523-91	s	INDUCTOR 2.2UH
L471	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L501	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L502	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L503	1-414-078-11	s	INDUCTOR 10UH
L601	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L602	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L603	1-414-078-11	s	INDUCTOR 10UH
L701	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L702	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L703	1-414-078-11	s	INDUCTOR 10UH
L1101	1-412-028-11	s	INDUCTOR,CHIP 4.7UH (3225)
Q100	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q101	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q102	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q103	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q104	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q105	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q402	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q450	8-729-907-00	s	TRANSISTOR DTC114EU
Q471	8-729-013-26	s	TRANSISTOR HN1C03FU-TE85R
Q501	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q502	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q601	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q602	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q701	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q702	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q800	8-729-013-26	s	TRANSISTOR HN1C03FU-TE85R
Q801	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q901	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q902	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q903	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q904	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q1104	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
R100	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R101	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R102	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R103	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R104	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R105	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R106	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R107	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R108	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R109	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R110	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R111	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R112	1-218-937-11	s	RESISTOR, CHIP 47
R113	1-218-937-11	s	RESISTOR, CHIP 47
R114	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R115	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R116	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R117	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R119	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R120	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R122	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R123	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R124	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R125	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R128	1-218-937-11	s	RESISTOR, CHIP 47
R130	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R131	1-218-937-11	s	RESISTOR, CHIP 47
R132	1-218-937-11	s	RESISTOR, CHIP 47
R133	1-218-937-11	s	RESISTOR, CHIP 47
R134	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R135	1-218-937-11	s	RESISTOR, CHIP 47
R136	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R137	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R138	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R141	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R142	1-218-959-11	s	RESISTOR, CHIP 3.3K
R144	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R145	1-218-937-11	s	RESISTOR, CHIP 47
R146	1-218-937-11	s	RESISTOR, CHIP 47
R147	1-218-937-11	s	RESISTOR, CHIP 47
R148	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R149	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R150	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R151	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R152	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R153	1-218-937-11	s	RESISTOR, CHIP 47
R155	1-218-937-11	s	RESISTOR, CHIP 47
R156	1-218-937-11	s	RESISTOR, CHIP 47
R157	1-218-937-11	s	RESISTOR, CHIP 47
R159	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R160	1-218-937-11	s	RESISTOR, CHIP 47
R161	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R163	1-218-937-11	s	RESISTOR, CHIP 47
R164	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R165	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R166	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R167	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R168	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R169	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R170	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R171	1-208-701-11	s	RESISTOR CHIP 5.6K 1/16W(1005)
R172	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R173	1-218-937-11	s	RESISTOR, CHIP 47
R174	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R175	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R176	1-208-689-11	s	RESISTOR CHIP 1.8K 1/16W(1005)
R177	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R178	1-208-693-11	s	RESISTOR CHIP 2.7K 1/16W(1005)

Ref. No. or Q'ty	Part No.	SP	Description
R179	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R180	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R181	1-218-981-11	s	RESISTOR CHIP 220K 1/16W(1005)
R201	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R202	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R206	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R207	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R208	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R209	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R211	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R212	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R213	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R217	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R218	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R219	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R220	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R221	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R222	1-218-937-11	s	RESISTOR, CHIP 47
R223	1-218-937-11	s	RESISTOR, CHIP 47
R224	1-218-937-11	s	RESISTOR, CHIP 47
R225	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R226	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R229	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R230	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R231	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R233	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R236	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R238	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R249	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R251	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R252	1-218-937-11	s	RESISTOR, CHIP 47
R253	1-218-937-11	s	RESISTOR, CHIP 47
R254	1-218-937-11	s	RESISTOR, CHIP 47
R255	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R256	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R257	1-218-937-11	s	RESISTOR, CHIP 47
R262	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R267	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R268	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R301	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R302	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R303	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R304	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R305	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R306	1-218-943-11	s	RESISTOR CHIP 150 1/16W (1005)
R308	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R310	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R312	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R313	1-218-937-11	s	RESISTOR CHIP 47 1/16W (1005)
R314	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R315	1-218-959-11	s	RESISTOR, CHIP 3.3K
R316	1-218-959-11	s	RESISTOR, CHIP 3.3K
R317	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R318	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R319	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R320	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R321	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R322	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R325	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R326	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R327	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R328	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R331	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R333	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R401	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R402	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R403	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R404	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R405	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R406	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R407	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R408	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R409	1-218-937-11	s	RESISTOR, CHIP 47
R410	1-218-937-11	s	RESISTOR, CHIP 47
R416	1-218-937-11	s	RESISTOR, CHIP 47
R419	1-218-937-11	s	RESISTOR, CHIP 47
R420	1-218-937-11	s	RESISTOR, CHIP 47
R421	1-218-937-11	s	RESISTOR, CHIP 47
R422	1-218-937-11	s	RESISTOR, CHIP 47
R423	1-218-937-11	s	RESISTOR, CHIP 47
R424	1-218-937-11	s	RESISTOR, CHIP 47
R425	1-218-937-11	s	RESISTOR, CHIP 47
R426	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R427	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R428	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R429	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R430	1-218-960-11	s	RESISTOR, CHIP 3.9K 1/16W
R431	1-218-960-11	s	RESISTOR, CHIP 3.9K 1/16W
R450	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R451	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R452	1-218-937-11	s	RESISTOR, CHIP 47
R471	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R472	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R473	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R474	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R475	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R476	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R477	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R478	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R501	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R502	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R505	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R507	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R508	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R509	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R510	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R519	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R520	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R521	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R522	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R523	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R524	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R525	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R526	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R528	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R550	1-208-711-11	s	RESISTOR CHIP 15K 1/16W (1005)
R551	1-218-744-11	s	RESISTOR,CHIP 150K 1/16W
R552	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W

Ref. No. or Q'ty	Part No.	SP	Description
R553	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R554	1-219-598-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R555	1-208-711-11	s	RESISTOR CHIP 15K 1/16W (1005)
R556	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R601	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R602	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R605	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R607	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R608	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R609	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R610	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R619	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R620	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R621	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R622	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R623	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R624	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R625	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R626	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R628	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R701	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R702	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R705	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R707	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R708	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R709	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R710	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R719	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R720	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R721	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R722	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R723	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R724	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R725	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R726	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R728	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R800	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R801	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R802	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R803	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R805	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R807	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R808	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R809	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R810	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R811	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R812	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R813	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R814	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R815	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R816	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R817	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R818	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R819	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R820	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R821	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R822	1-218-965-11	s	RESISTOR,CHIP 10K 1/16W
R823	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R825	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R826	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R827	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R828	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R829	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R830	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R832	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R833	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R834	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R835	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R836	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R838	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R839	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R840	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R841	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R842	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R843	1-218-958-11	s	RESISTOR,CHIP 2.7K 1/16W(1005)
R844	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R845	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R846	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R847	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R848	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R850	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R851	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R852	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R853	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R854	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R904	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R905	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R906	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R907	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R908	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R909	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R910	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R911	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R912	1-218-962-11	s	RESISTOR,CHIP 5.6K 1/16W(1005)
R913	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R914	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R915	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R916	1-218-959-11	s	RESISTOR, CHIP 3.3K
R917	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R918	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R919	1-208-717-11	s	RESISTOR CHIP 27K 1/16W (1005)
R920	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R921	1-208-697-11	s	RESISTOR CHIP 3.9K 1/16W(1005)
R922	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R923	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R924	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R925	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R926	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R927	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R928	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R930	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R931	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R932	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R933	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R934	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R935	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R936	1-208-717-11	s	RESISTOR CHIP 27K 1/16W (1005)
R937	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)

Ref. No. or Q'ty	Part No.	SP	Description
R938	1-208-697-11	s	RESISTOR CHIP 3.9K 1/16W(1005)
R939	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R940	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R941	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R942	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R943	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R944	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R945	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R946	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R947	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1101	1-218-917-11	s	RESISTOR,CHIP 820K 1/10W(1608)
R1102	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1104	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1105	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1106	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1107	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1108	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1109	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1116	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1117	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1118	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1120	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1121	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1122	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1124	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1125	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1126	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1128	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1129	1-218-978-11	s	RESISTOR,CHIP 120K 1/16W(1005)
R1130	1-216-296-00	s	CONDUCTOR, CHIP (3216)
R1131	1-216-296-00	s	CONDUCTOR, CHIP (3216)
R1132	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1133	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1146	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
RB100	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB101	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB102	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB103	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB104	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB105	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB200	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB201	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB202	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB203	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB205	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB300	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB301	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB302	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB303	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB304	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB305	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB401	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB402	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB403	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB404	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB405	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB406	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB450	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB451	1-234-371-11	s	RES, NETWORK 47X4 (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
RB452	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB453	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB454	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB471	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB472	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB473	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB501	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB502	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB601	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB602	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB701	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB702	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB800	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB801	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB802	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB803	1-234-375-21	s	RES, NETWORK 1KX4 (1005)
RB804	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB805	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB806	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB807	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB808	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB809	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB810	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB811	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB812	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB813	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB814	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB815	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB816	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB817	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB818	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB819	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB820	1-234-372-21	s	RES, NETWORK 100X4 (1005)
RB821	1-234-372-21	s	RES, NETWORK 100X4 (1005)
S401	1-771-337-21	s	SWITCH, SLIDE
TH800	1-803-382-11	s	THERMISTOR (1005)
TH1101	1-803-615-11	s	THERMISTOR, POSITIVE
TP101	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP102	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP203	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP301	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP302	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP401	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP449	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP450	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP451	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP452	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP453	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP454	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP455	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP456	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP457	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP458	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP459	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP501	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP502	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP503	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)

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Ref. No. or Q'ty	Part No.	SP	Description
TP601	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP602	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP603	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP701	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP702	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP703	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP800	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP801	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1102	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
X200	1-795-692-11	s	VIBRATOR, CRYSTAL(24.576MHz)
X300	1-795-650-21	s	VIBRATOR, CRYSTAL(16.384MHz)
X800	1-795-650-21	s	VIBRATOR, CRYSTAL(16.384MHz)

GA BOARD

Ref. No. or Q'ty		Part No.	SP	Description
1pc		A-1300-393-A	s	MOUNTED CIRCUIT BOARD, GA(A1/3)
1pc		A-1300-485-A	s	MOUNTED CIRCUIT BOARD, GA(A2/4)
2pcs		7-682-949-09	s	SCREW +PSW 3X10(EP-FE/ZNBK/CM2
C1101	⚠	1-113-900-11	s	CAPACITOR,CERAMIC 470PF/250V
C1103	⚠	1-117-916-51	s	CAP, METALIZED FILM 0.22MF
C1106	⚠	1-113-900-11	s	CAPACITOR,CERAMIC 470PF/250V
C2004	⚠	1-104-708-11	s	CAP, FILM 0.47MF/250VAC
C2101		1-117-228-11	s	CAPACITOR,FILM 2.2MF/450V
C2102		1-117-751-11	s	CAPACITOR, ELECT 220MF/450V
C2103		1-137-477-11	s	CAPCITOR,FILM 0.47MF/400V
C2104		1-107-909-11	s	CAPACITOR,ELECT 47MF/50V
C2105		1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C2106		1-115-340-11	s	CAPACITOR CERAMIC 0.22MF/25V B
C2107		1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
CN1101	⚠	1-793-305-11	s	INLET, AC (AC-M11PB52)
CN2001		1-691-960-11	o	PIN,CONNECTOR (PC BOARD) 3P
CN2002		1-691-960-11	o	PIN,CONNECTOR (PC BOARD) 3P
CN3501		1-564-705-11	o	PIN,CONNECTOR (3P)
D2101		8-719-304-63	s	DIODE RM11C (RECTI)
D2102	⚠	8-719-066-75	s	DIODE D6SB80
D2103		8-719-073-01	s	DIODE MA111-(K8).S0
D2104		8-719-073-01	s	DIODE MA111-(K8).S0
D2105		8-719-106-98	s	DIODE RD16M-B2
F1101	⚠	1-576-233-11	s	FUSE (H.B.C.) 6.3A/250V
FH1101		1-533-223-11	s	CLIP,FUSE
FH1102		1-533-223-11	s	CLIP,FUSE
IC2101		8-749-015-27	s	IC MZ1540
L1101	⚠	1-456-134-11	s	COIL, LINE FILTER
L2101		1-456-133-11	s	COIL, CHOKE
L3204		1-419-763-11	s	COIL, CHOKE 220UH
Q2101		8-729-230-27	s	TRANSISTOR 2SA1213Y-TE12L
Q3601		8-729-230-27	s	TRANSISTOR 2SA1213Y-TE12L
R1101	⚠	1-202-847-00	s	RESISTOR,SOLID 560K 1/2W
R2101	⚠	1-211-748-11	s	RES, CEMENT-COATED (FUSE) 5.6
R2102		1-216-065-91	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R2104		1-220-273-11	s	RESISTOR, CHIP 1K 1/2W (4532)
R2105		1-220-273-11	s	RESISTOR, CHIP 1K 1/2W (4532)
R2106		1-216-063-91	s	RESISTOR,CHIP 3.9K 1/10W(2125)
R2107		1-216-065-91	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R2109		1-216-065-91	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R3206		1-245-415-11	s	RESISTOR, METAL PLATE 0.15
R3606		1-249-389-11	s	RES,CARBON 4.7 1/4W
R3608		1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R3609		1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
RY2101	⚠	1-755-395-11	s	RELAY (AC POWER)
VD1101	⚠	1-801-268-11	s	VARISTOR (TNR14V471K660)

GB BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1300-394-A	s	MOUNTED CIRCUIT BOARD, GB(A1/3)
1pc	A-1300-486-A	s	MOUNTED CIRCUIT BOARD, GB(A2/4)
C3107	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C3108	1-136-479-11	s	CAPACITOR FILM 0.001MF/100V PP
C3109	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C3110	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C3111	1-109-994-11	s	CAPACITOR,CHIP CERAMIC 2.2MF B
C3112	1-126-967-11	s	CAPACITOR,ELECT 47MF/50V
C3113	1-130-495-00	s	CAPACITOR FILM 0.1MF/50V PETP
C3114	1-128-551-11	s	CAPACITOR ERECT 22MF/63V
C3119	1-137-753-11	s	CAPACITOR METALIZED 4700PF
C3120	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C3121	1-107-911-11	s	CAPACITOR,ELECT 220MF/50V
C3122	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3123	1-131-976-11	s	CAP, ELECT 820MF
C3125	1-128-946-11	s	CAP, ELECT 2200MF / 10V
C3126	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C3128	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C3130	1-113-900-11	s	CAPACITOR,CERAMIC 470PF/250V
C3131	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3203	1-128-994-11	s	CAP, ELECT 47MF/10V
C3204	1-131-999-11	s	CAPACITOR,SOLID ELECT 150MF
C3205	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C3206	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C3207	1-115-340-11	s	CAPACITOR CERAMIC 0.22MF/25V B
C3209	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C3210	1-117-808-91	s	CAPACITOR,CERAMIC 10MF/10V(B)
C3211	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C3212	1-135-346-11	s	CAP, SOLID ELECT 39MF 16V
C3213	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C3214	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C3314	1-117-370-11	s	CAPASITER CERAMIC 10MF (3216)
C3331	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3332	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
CN3201	1-564-705-11	o	PIN,CONNECTOR (3P)
CN3301	1-764-782-11	o	HOUSING, CONNECTOR 24P
D3103	8-719-107-13	s	DIODE RD18M-B1
D3104	8-719-073-01	s	DIODE MA111-(K8).S0
D3107	8-719-979-64	s	DIODE UF4005PKG23
D3108	8-719-118-12	s	DIODE RD33M-B
D3109	8-719-073-52	s	DIODE D2FS6-TA
D3110	8-719-510-09	s	DIODE D10SC6M (RECTI)
D3112	8-719-510-12	s	DIODE D10SC4M
D3113	8-719-106-16	s	DIODE RD6.8M-B1
D3116	8-719-073-01	s	DIODE MA111-(K8).S0
D3118	8-719-073-01	s	DIODE MA111-(K8).S0
D3119	8-719-073-01	s	DIODE MA111-(K8).S0
D3121	8-719-073-01	s	DIODE MA111-(K8).S0
D3201	8-719-078-04	s	DIODE EC31QS03L-TE12L
D3202	8-719-058-24	s	DIODE RB501V-40TE17
D3203	8-719-078-04	s	DIODE EC31QS03L-TE12L
D3306	8-719-073-01	s	DIODE MA111-(K8).S0
D3307	8-719-073-01	s	DIODE MA111-(K8).S0
D3308	8-719-073-01	s	DIODE MA111-(K8).S0
FB3102	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB3103	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
IC3100	8-759-670-30	s	IC MCZ3001D

(GB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC3102	8-759-388-23	s	IC TL431BCDR2
IC3201	6-702-713-01	s	IC LT1765EFE
IC3202	8-759-713-98	s	IC LTC1772CS6
IC3301	8-759-066-55	s	IC TA75W393FU
IC3302	8-759-066-55	s	IC TA75W393FU
IC3307	8-759-066-55	s	IC TA75W393FU
L3205	1-424-653-11	s	COIL,CHOKE 10UH
L3206	1-424-673-11	s	COIL, CHOKE 4.7UH
PH3100	8-749-016-82	s	PHOTO COUPLER PC123GY2
PH3101	8-749-016-82	s	PHOTO COUPLER PC123GY2
PH3102	8-749-016-82	s	PHOTO COUPLER PC123GY2
Q3102	8-729-052-29	s	TRANSISTOR 2SK2876-01MR-F122
Q3103	8-729-052-29	s	TRANSISTOR 2SK2876-01MR-F122
Q3104	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q3105	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q3106	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q3107	8-729-048-69	s	TRANSISTOR 2SJ530S-TL
Q3109	8-729-048-69	s	TRANSISTOR 2SJ530S-TL
Q3110	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q3201	8-729-034-98	s	TRANSISTOR SI9434DY-T1
Q3301	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q3302	8-729-048-69	s	TRANSISTOR 2SJ530S-TL
R3107	1-249-389-11	s	RES,CARBON 4.7 1/4W
R3111	1-218-877-11	s	RESISTOR,CHIP 18K 1/10W (1608)
R3112	1-218-843-11	s	RESISTOR,CHIP 680 1/10W (1608)
R3113	1-218-868-11	s	RESISTOR,CHIP 7.5K 1/10W(1608)
R3114	1-218-823-11	s	RESISTOR,CHIP 100 1/10W (1608)
R3115	1-218-877-11	s	RESISTOR,CHIP 18K 1/10W (1608)
R3116	1-220-338-11	s	RESISTOR,CHIP 330K 1/2W (4532)
R3117	1-220-338-11	s	RESISTOR,CHIP 330K 1/2W (4532)
R3119	1-220-338-11	s	RESISTOR,CHIP 330K 1/2W (4532)
R3120	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R3121	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R3122	1-249-417-11	s	RESISTOR,CARBON 1K 1/4W(SMALL)
R3123	1-216-814-11	s	RESISTOR,CHIP 270 1/16W 1608
R3124	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R3125	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R3126	1-202-933-61	s	RESISTOR, FUSE 0.1 1/2W
R3127	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R3128	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R3129	1-220-993-91	s	RESISTOR,CHIP 0.68 5025
R3130	1-220-993-91	s	RESISTOR,CHIP 0.68 5025
R3131	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R3132	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R3133	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R3134	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R3135	1-216-820-11	s	RESISTOR, CHIP 820 1/16W 1608
R3136	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R3137	1-216-061-00	s	RESISTOR CHIP 3.3K 1/10W(2012)
R3138	1-216-041-00	s	RESISTOR, CHIP 470 1/10W(2012)
R3139	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R3141	1-218-859-11	s	RESISTOR,CHIP 3.3K 1/10W(1608)
R3142	1-218-861-11	s	RESISTOR,CHIP 3.9K 1/10W(1608)
R3143	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R3144	1-218-855-11	s	RESISTOR,CHIP 2.2K 1/10W(1608)
R3145	1-218-887-11	s	RESISTOR,CHIP 47K 1/10W (1608)
R3152	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608

(GB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R3153	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R3156	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R3157	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R3158	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R3161	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R3201	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R3202	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R3203	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R3204	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R3205	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R3207	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R3209	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R3210	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R3213	1-218-893-11	s	RESISTOR, CHIP 82K 1/10W(1608)
R3214	1-218-883-11	s	RESISTOR,CHIP 33K 1/10W (1608)
R3216	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R3217	1-218-893-11	s	RESISTOR, CHIP 82K 1/10W(1608)
R3218	1-218-905-11	s	RESISTOR,CHIP 270K 1/10W1608)
R3219	1-240-182-11	s	RESISTOR,SQURE TYPE 47M
R3321	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R3322	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R3324	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R3325	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R3326	1-216-838-11	s	RESISTOR CHIP 27K 1/16W(1608)
R3327	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R3330	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R3331	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R3332	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R3333	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R3334	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R3335	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R3336	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R3337	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R3338	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R3339	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
T1101	1-437-380-11	s	TRANSFORMER, CONVERTER

H1 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1400-715-A	s	MOUNTED CIRCUIT BOARD, H1(A1/3)
1pc	A-1400-916-A	s	MOUNTED CIRCUIT BOARD, H1(A2/4)
C1501	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
CN1501	1-691-491-21	s	CONNECTOR, FFC/FPC 12P
D1501	8-719-045-51	s	DIODE SEC2422C
D1502	8-719-045-51	s	DIODE SEC2422C
D1503	8-719-024-77	s	DIODE HN1D03FU-TE85L
D1504	8-719-024-77	s	DIODE HN1D03FU-TE85L
Q1501	8-729-014-65	s	TRANSISTOR RN2904-TE85R
Q1502	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
R1501	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R1502	1-218-944-11	s	RESISTOR,CHIP 180 1/16W
R1504	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R1505	1-218-944-11	s	RESISTOR,CHIP 180 1/16W
R1507	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1508	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1509	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1510	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1511	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1512	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
S1501	1-771-105-11	s	SWITCH, TACTILE(INPUT)
S1502	1-771-105-11	s	SWITCH, TACTILE(POWER)
S1503	1-771-105-11	s	SWITCH, TACTILE(TILT-)
S1504	1-771-105-11	s	SWITCH, TACTILE(TILT+)

H2 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1400-719-A	s	MOUNTED CIRCUIT BOARD, H2(A1/3)
1pc	A-1400-920-A	s	MOUNTED CIRCUIT BOARD, H2(A2/4)
C1551	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
CN1551	1-770-623-21	s	PIN, CONNECTOR 6P
D1551	8-719-045-61	s	DIODE SEC1901C
D1552	8-719-045-61	s	DIODE SEC1901C
D1553	8-719-045-53	s	DIODE SEC1801C
D1554	8-719-024-77	s	DIODE HN1D03FU-TE85L
D1555	8-719-024-77	s	DIODE HN1D03FU-TE85L
Q1551	8-729-014-65	s	TRANSISTOR RN2904-TE85R
Q1552	8-729-014-65	s	TRANSISTOR RN2904-TE85R
R1551	1-218-958-11	s	RESISTOR,CHIP 2.7K 1/16W(1005)
R1552	1-218-954-11	s	RESISTOR, CHIP 1.2K 1/16W
R1553	1-218-951-11	s	RESISTOR, CHIP 680 1/16
R1554	1-218-948-11	s	RESISTOR CHIP 390 1/16W (1005)
R1555	1-218-946-11	s	RESISTOR,CHIP 270 1/16W
R1556	1-218-950-11	s	RESISTOR,CHIP 560,1/16W
R1558	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1559	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1560	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
S1551	1-771-105-11	s	SWITCH, TACTILE(MENU)
S1552	1-786-409-11	s	SWITCH, TACTILE

L BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1400-716-A	s	MOUNTED CIRCUIT BOARD, L(A1/3)
1pc	A-1400-917-A	s	MOUNTED CIRCUIT BOARD, L(A2/4)
CN1201	1-770-619-11	o	PIN, CONNECTOR 2P
D1201	6-500-318-01	s	DIODE NSCW100
D1202	6-500-318-01	s	DIODE NSCW100
D1203	6-500-318-01	s	DIODE NSCW100
D1204	6-500-318-01	s	DIODE NSCW100
R1201	1-216-025-00	s	RESISTOR,CHIP 100 1/10W(2012)
R1202	1-216-025-00	s	RESISTOR,CHIP 100 1/10W(2012)
R1203	1-216-025-00	s	RESISTOR,CHIP 100 1/10W(2012)
R1204	1-216-025-00	s	RESISTOR,CHIP 100 1/10W(2012)

MS BOARD(VPL-CX5)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1300-693-A	s	MOUNTED CIRCUIT BOARD, MS(A3)
1pc	A-1300-748-A	s	MOUNTED CIRCUIT BOARD, MS(A4)
C1007	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1008	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1010	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1011	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1012	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1013	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1014	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C1016	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1017	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1018	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1019	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1020	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1021	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1022	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1023	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1024	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1025	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1027	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1028	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C1029	1-117-370-11	s	CAPASITER CERAMIC 10MF (3216)
C1030	1-117-370-11	s	CAPASITER CERAMIC 10MF (3216)
C1031	1-117-720-11	s	CAPACITOR, CERAMIC 4.7MF/10V F
C1032	1-117-720-11	s	CAPACITOR, CERAMIC 4.7MF/10V F
C1038	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1039	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1040	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1041	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1042	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1043	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1044	1-164-941-11	s	CAPACITOR,CHIP CERAMIC 4700/16
C1045	1-164-941-11	s	CAPACITOR,CHIP CERAMIC 4700/16
C2001	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2002	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C2003	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2004	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C2005	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2006	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C2007	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2008	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2009	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2010	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2011	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2012	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2013	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2014	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2015	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2016	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2017	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2018	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2019	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2020	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2021	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2022	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2023	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2024	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2025	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2026	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F

Ref. No. or Q'ty	Part No.	SP	Description
C2027	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2028	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2029	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2030	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2031	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3001	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C3002	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3003	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3004	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3005	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3006	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3007	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3008	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3009	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C3010	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3011	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3012	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3013	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3014	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3015	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3016	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3017	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C3018	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3019	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3020	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3021	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3022	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C3023	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3024	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
CN1001	1-785-613-11	o	CONNECTOR, FFC/FPC 50P
CN1002	1-691-491-21	s	CONNECTOR, FFC/FPC 12P
CN2001	1-770-627-21	s	PIN, CONNECTOR 10P
D1001	8-719-045-61	s	DIODE SEC1901C
D1002	8-719-941-86	s	DIODE DAN202U
FB1001	1-400-150-11	s	FERRITE, EMI (SMD)
FB1002	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1003	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1004	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1006	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1007	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1008	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1009	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1013	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1014	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1016	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1017	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1019	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB2001	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB2002	1-469-670-11	o	FERRITE, EMI (SMD)
FB2003	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB3001	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB3002	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB3003	1-414-921-11	s	INDUCTOR, FERRITE BEAD
IC1002	6-700-953-01	s	IC LM1117MPX-1.8
IC1004	8-759-331-27	s	IC MM1096AFF
IC1005	6-702-607-01	s	IC MB93491
IC1006	8-759-661-55	s	IC ST24FC21M6TR
IC1007	8-759-665-50	s	IC AK4352VT-E2

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Ref. No. or Q'ty	Part No.	SP	Description
IC1012	8-759-082-60	s	IC TC7S66FU
IC1013	8-759-082-60	s	IC TC7S66FU
IC1014	8-759-575-16	s	IC LMC7101BIM5X
IC1015	8-759-575-16	s	IC LMC7101BIM5X
IC3001	8-759-831-90	s	IC MT48LC8M16A2TG-75
IC3002	8-759-831-90	s	IC MT48LC8M16A2TG-75
IC3003	6-802-188-01	s	IC MBM29LV160BE-90TN-MS1735
IC3004	6-702-812-11	s	IC CY27027ZZCT
L1001	1-414-770-91	s	INDUCTOR 4.7UH
L3001	1-469-058-11	s	INDUCTOR 22UH
Q1001	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q1002	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1005	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1006	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q1007	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q2001	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
R1005	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1006	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1007	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1008	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R1009	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1010	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1011	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1012	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1013	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1014	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1015	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1016	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R1017	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1018	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1019	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1020	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1021	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1022	1-218-955-11	s	RESISTOR, CHIP 1.5K
R1023	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1026	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1027	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1028	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1029	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1031	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1032	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1033	1-219-606-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1034	1-219-606-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1035	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1036	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1037	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1038	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1039	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1040	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1041	1-218-937-11	s	RESISTOR, CHIP 47
R1045	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1047	1-218-934-11	s	RESISTOR,CHIP 27 1/16W (1005)
R1048	1-218-934-11	s	RESISTOR,CHIP 27 1/16W (1005)
R1049	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1056	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1057	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1062	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)

Ref. No. or Q'ty	Part No.	SP	Description
R1063	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1064	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1069	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1077	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1078	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1079	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1080	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1081	1-219-606-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1082	1-219-606-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1083	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1084	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1085	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1086	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1087	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1088	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1090	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R2001	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R2002	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2003	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2004	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R2005	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R2006	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R2007	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R2008	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2009	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2010	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2011	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2012	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2013	1-218-937-11	s	RESISTOR, CHIP 47
R2014	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2015	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2016	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R2017	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R2018	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2019	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2020	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2021	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2022	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2023	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2024	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2025	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2026	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2027	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R3001	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R3002	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R3003	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R3004	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R3005	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R3006	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R3007	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R3008	1-218-937-11	s	RESISTOR, CHIP 47
R3009	1-218-937-11	s	RESISTOR, CHIP 47
R3010	1-218-937-11	s	RESISTOR, CHIP 47
R3011	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R3012	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
RB1001	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1002	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1003	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1004	1-234-370-11	s	RES, NETWORK 22X4 (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
RB1006	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1007	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1008	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1009	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1010	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1011	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1012	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1013	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1014	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1015	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1016	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB1017	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB1018	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB1019	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB1020	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB1021	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1022	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB2001	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2002	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2003	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2004	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2005	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2006	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2007	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2008	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2009	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB3001	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3002	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3003	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3004	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3005	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3006	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3007	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3008	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3009	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3010	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3011	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3012	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3013	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3014	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3015	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3016	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3017	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3018	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3019	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3020	1-234-371-11	s	RES, NETWORK 47X4 (1005)
TP1001	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1003	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1004	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1005	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1006	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1007	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1008	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1009	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1010	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP3001	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
X3001	1-795-690-21	s	OSCILLATOR, CRYSTAL

MSC BOARD(VPL-CS5)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1300-663-A	s	MOUNTED CIRCUIT BOARD, MSC(A1)
1pc	A-1300-484-A	s	MOUNTED CIRCUIT BOARD, MSC(A2)
C1307	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C1309	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C1310	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1401	1-164-862-11	s	CAPACITOR,CHIP CERAMIC 33PF/16
C1402	1-164-862-11	s	CAPACITOR,CHIP CERAMIC 33PF/16
C1406	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1409	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1410	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1417	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1418	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C1419	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1420	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
CN1302	1-770-622-21	s	PIN, CONNECTOR 5P
CN1303	1-778-336-21	s	PIN, CONNECTOR (PC BOARD) 14P
D1402	8-719-988-61	s	DIODE 1SS355TE-17
D1405	8-719-988-61	s	DIODE 1SS355TE-17
FB1302	1-469-670-11	o	FERRITE, EMI (SMD)
FB1303	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1304	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1305	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1306	1-469-670-11	o	FERRITE, EMI (SMD)
FB1307	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1308	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1309	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1310	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1311	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1402	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
IC1301	8-749-012-17	s	IC RS-140-T
IC1302	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC1402	8-759-697-26	s	IC RCV4-A1T-MASK-25
IC1510	8-759-649-33	s	IC SN74AHCT1G08DCKR
Q1403	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q1406	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
R1312	1-218-937-11	s	RESISTOR, CHIP 47
R1313	1-218-937-11	s	RESISTOR, CHIP 47
R1314	1-218-937-11	s	RESISTOR, CHIP 47
R1315	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1316	1-218-937-11	s	RESISTOR, CHIP 47
R1317	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1318	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1320	1-218-937-11	s	RESISTOR, CHIP 47
R1403	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1409	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R1415	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1418	1-218-962-11	s	RESISTOR,CHIP 5.6K 1/16W(1005)
R1420	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1421	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1432	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1433	1-218-955-11	s	RESISTOR, CHIP 1.5K
R1434	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1436	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1437	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1440	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1443	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)

(MSC BOARD)(VPL-CS5)

Ref. No. or Q'ty	Part No.	SP	Description
R1444	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1447	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1459	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1460	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1462	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1463	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
R1464	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
X1401	1-781-994-21	s	VIBRATOR, CRYSTAL(24MHz)

MSC BOARD(VPL-CX5)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1300-694-A	s	MOUNTED CIRCUIT BOARD, MSC(A3)
1pc	A-1300-749-A	s	MOUNTED CIRCUIT BOARD, MSC(A4)
C1301	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1302	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1303	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1304	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1305	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1306	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1307	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C1308	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1309	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C1310	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1401	1-164-862-11	s	CAPACITOR,CHIP CERAMIC 33PF/16
C1402	1-164-862-11	s	CAPACITOR,CHIP CERAMIC 33PF/16
C1403	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1404	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1405	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1406	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1407	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1408	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1409	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1410	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1411	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1412	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1413	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1414	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1415	1-164-850-11	s	CAPACITOR,CERAMIC 10PF/16V CH
C1416	1-164-850-11	s	CAPACITOR,CERAMIC 10PF/16V CH
C1417	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1418	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C1419	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1420	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1422	1-164-862-11	s	CAPACITOR,CHIP CERAMIC 33PF/16
C1423	1-164-862-11	s	CAPACITOR,CHIP CERAMIC 33PF/16
C1424	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1425	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1427	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1428	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1429	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C1430	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
CN1301	1-691-491-21	s	CONNECTOR, FFC/FPC 12P
CN1302	1-770-622-21	s	PIN, CONNECTOR 5P
CN1303	1-778-336-21	s	PIN, CONNECTOR (PC BOARD) 14P
CN1304	1-815-368-12	s	CONNECTOR, CARD (MEMORY STICK)
D1301	8-719-078-89	s	DIODE CL-190B1-X-T
D1401	8-719-988-61	s	DIODE 1SS355TE-17
D1402	8-719-988-61	s	DIODE 1SS355TE-17
D1405	8-719-988-61	s	DIODE 1SS355TE-17
FB1301	1-469-670-11	o	FERRITE, EMI (SMD)
FB1302	1-469-670-11	o	FERRITE, EMI (SMD)
FB1303	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1304	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1305	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1306	1-469-670-11	o	FERRITE, EMI (SMD)
FB1307	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1308	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1309	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1310	1-414-921-11	s	INDUCTOR, FERRITE BEAD

(MSC BOARD)(VPL-CX5)

Ref. No. or Q'ty	Part No.	SP	Description
FB1311	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1312	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1313	1-469-670-11	o	FERRITE, EMI (SMD)
FB1401	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1402	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
IC1301	8-749-012-17	s	IC RS-140-T
IC1302	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC1401	8-759-655-55	s	IC UPD72012GB-003-3B4
IC1402	8-759-697-26	s	IC RCV4-A1T-MASK-25
IC1403	6-701-707-01	s	IC ST72T631K4M1-201
IC1404	8-759-598-06	s	IC S-80942ANMP-DD6-T2
IC1510	8-759-649-33	s	IC SN74AHCT1G08DCKR
Q1301	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q1302	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1303	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1403	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q1404	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q1405	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q1406	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q1407	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q1408	8-729-013-26	s	TRANSISTOR HN1C03FU-TE85R
R1301	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1302	1-218-937-11	s	RESISTOR, CHIP 47
R1304	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1305	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1306	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1307	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1308	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1309	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1310	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1311	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1312	1-218-937-11	s	RESISTOR, CHIP 47
R1313	1-218-937-11	s	RESISTOR, CHIP 47
R1314	1-218-937-11	s	RESISTOR, CHIP 47
R1315	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1316	1-218-937-11	s	RESISTOR, CHIP 47
R1317	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1318	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1320	1-218-937-11	s	RESISTOR, CHIP 47
R1401	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1402	1-218-955-11	s	RESISTOR, CHIP 1.5K
R1403	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1404	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1406	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
R1407	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
R1408	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1409	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R1410	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1411	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R1412	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R1413	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R1414	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R1415	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1416	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1417	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1418	1-218-962-11	s	RESISTOR,CHIP 5.6K 1/16W(1005)
R1419	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1420	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W

(MSC BOARD)(VPL-CX5)

Ref. No. or Q'ty	Part No.	SP	Description
R1421	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1422	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
R1423	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
R1424	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1425	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
R1426	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
R1427	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1428	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
R1429	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
R1430	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R1431	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R1432	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1433	1-218-955-11	s	RESISTOR, CHIP 1.5K
R1434	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1435	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1436	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1437	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1438	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1439	1-218-959-11	s	RESISTOR, CHIP 3.3K
R1440	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1441	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1442	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1443	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1444	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1446	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R1447	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1448	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R1449	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1451	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1452	1-218-955-11	s	RESISTOR, CHIP 1.5K
R1453	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1454	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)
R1455	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1456	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1457	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1458	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1459	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1460	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
X1401	1-781-994-21	s	VIBRATOR, CRYSTAL(24MHz)
X1402	1-795-691-21	s	VIBRATOR, CRYSTAL(4MHz)
X1403	1-781-994-21	s	VIBRATOR, CRYSTAL(24MHz)

NR BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1400-718-A	s	MOUNTED CIRCUIT BOARD, NR(A1/3)
1pc	A-1400-919-A	s	MOUNTED CIRCUIT BOARD, NR(A2/4)
C50	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
CN50	1-770-620-21	s	PIN, CONNECTOR 3P
IC50	8-749-012-17	s	IC RS-140-T
R50	1-218-937-11	s	RESISTOR, CHIP 47
R51	1-218-941-11	s	RESISTOR,CHIP 100 1/16W (1005)

Q BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1400-717-A	s	MOUNTED CIRCUIT BOARD, Q(A1/3)
1pc	A-1400-918-A	s	MOUNTED CIRCUIT BOARD, Q(A2/4)
C20	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C21	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C22	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C23	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
CN20	1-770-860-11	s	CONNECTOR, S TERMINAL(S-VIDEO)
CN21	1-778-965-21	s	PIN, CONNECTOR (PC BOARD) 12P
D20	8-719-036-80	s	DIODE RD3.9SB
D21	8-719-036-80	s	DIODE RD3.9SB
D22	8-719-036-80	s	DIODE RD3.9SB
D23	8-719-158-37	s	DIODE RD9.1SB2
D24	8-719-158-37	s	DIODE RD9.1SB2
J20	1-566-822-21	s	JACK(AUDIO IN)
J21	1-785-549-41	o	JACK, PIN YELLOW(VIDEO)
L20	1-414-921-11	s	INDUCTOR, FERRITE BEAD
R20	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R21	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R22	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R23	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R24	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R25	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R26	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R27	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R28	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R29	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R30	1-216-864-11	s	CONDUCTOR, CHIP (1608)

U BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1400-720-A	s	MOUNTED CIRCUIT BOARD, U(A1/3)
1pc	A-1400-914-A	s	MOUNTED CIRCUIT BOARD, U(A2/4)
CN60	1-770-619-11	o	PIN, CONNECTOR 2P
S60	1-762-984-11	s	SWITCH, PUSH

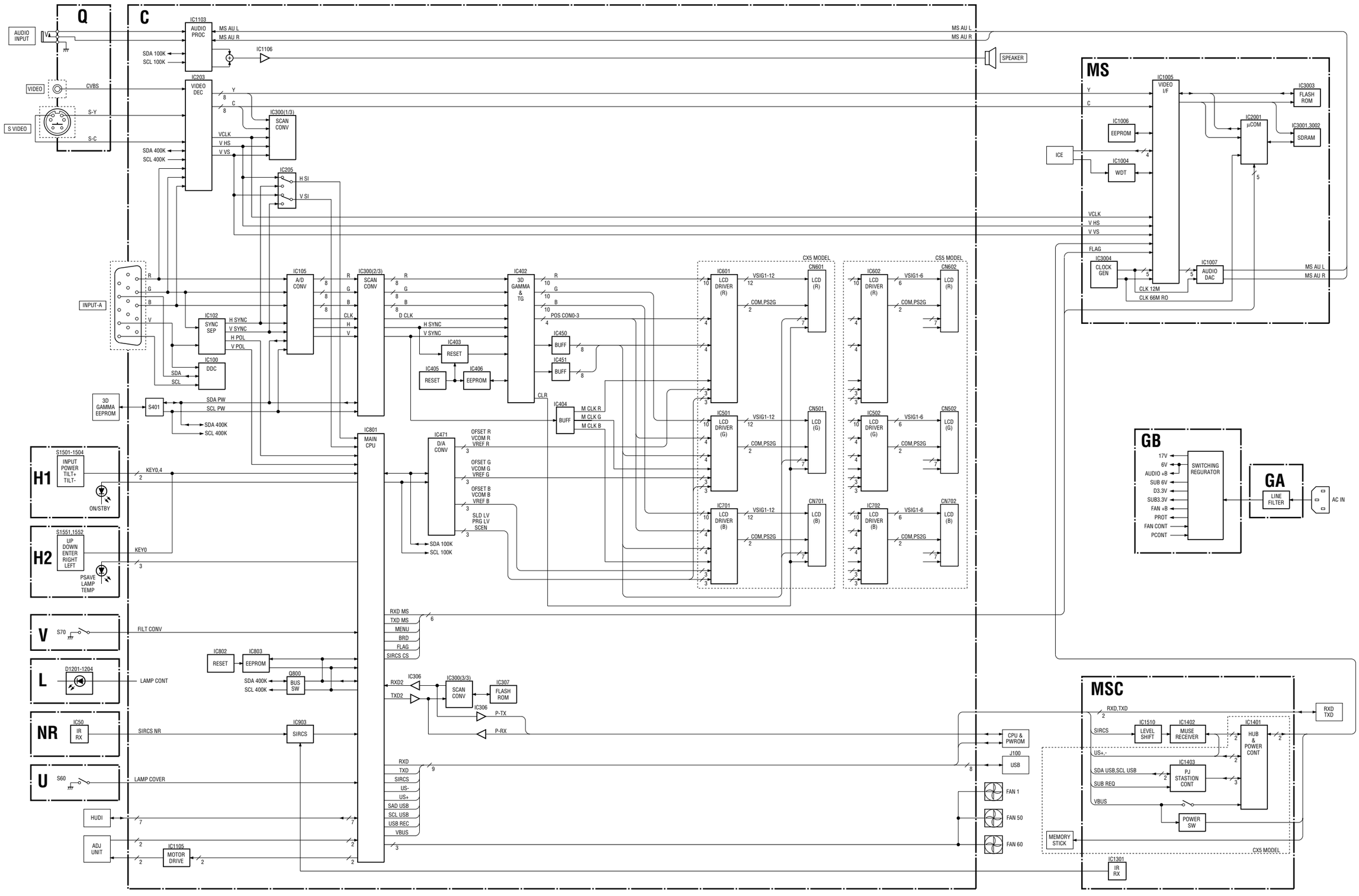
V BOARD

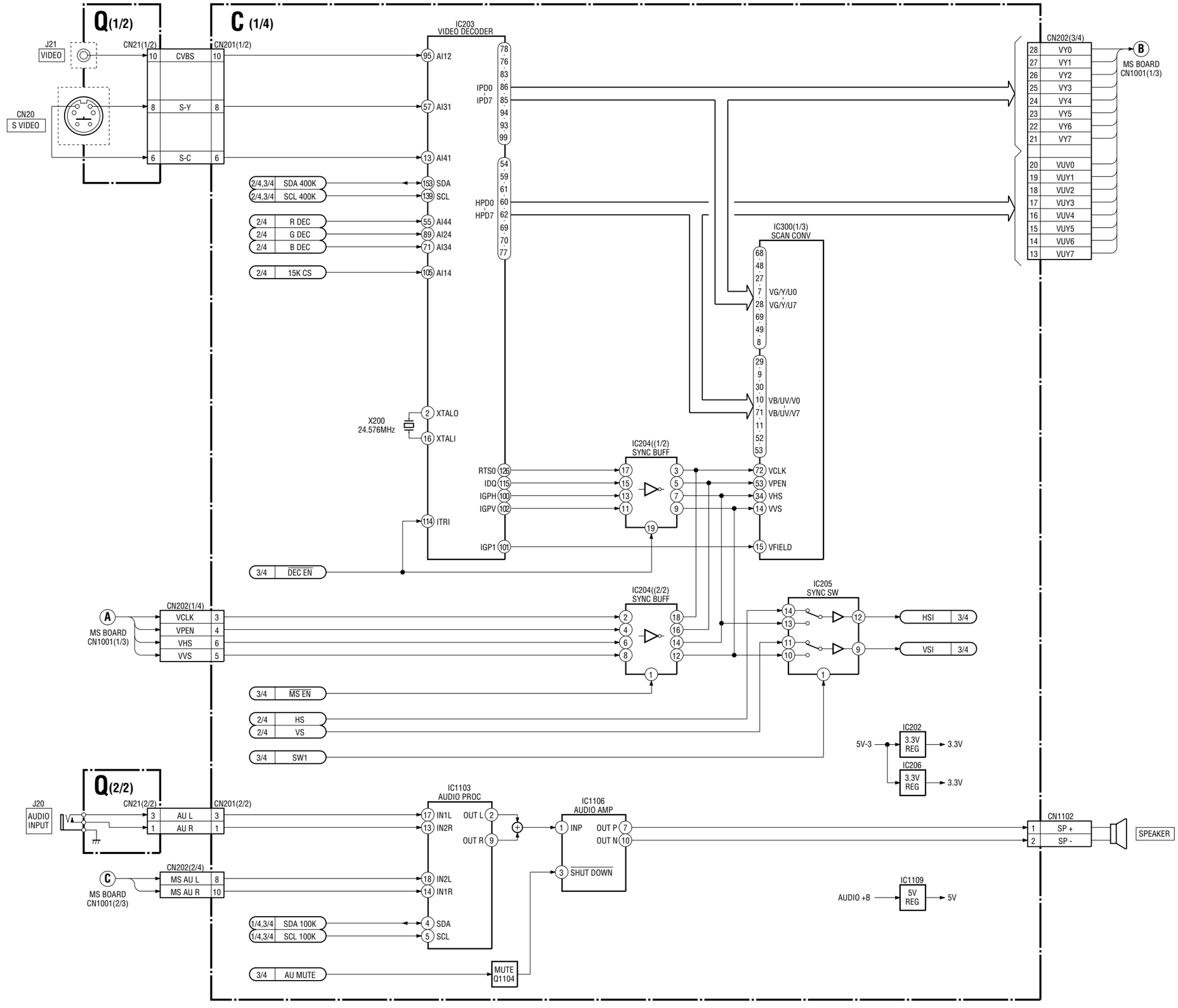
Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1400-721-A	s	MOUNTED CIRCUIT BOARD, V(A1/3)
1pc	A-1400-915-A	s	MOUNTED CIRCUIT BOARD, V(A2/4)
C70	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
CN70	1-770-621-21	s	PIN, CONNECTOR 4P
R70	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
S70	1-762-984-11	s	SWITCH, PUSH
TH70	1-803-382-11	s	THERMISTOR (1005)

PACKING MATERIALS & SUPPLIED ACCESSORIES

Ref. No. or Q'ty	Part No.	SP	Description
1pc	⚠		See 1-2-18 Warning on Power Connection(Page 1-14)
1pc	1-476-556-22	s	REMOTE COMMANDER (RM-PJM12)
1pc	9-885-005-85	s	COVER, BATTERY (FOR RM-PJM12)
1pc	1-500-386-21	s	FILTER, CLAMP (FERRITE CORE)
1pc	1-790-081-31	s	CABLE, USB
1pc	1-791-992-31	s	CABLE ASSY(15P DSUB CONNECTOR)
1pc	4-082-733-01	o	CASE, CARRYING
1pc	4-083-098-01	s	INSTRUCTION
1pc	4-090-076-01	o	OPERATING INSTRUCTIONS (JAPANESE, SIMPLIFIED CHINESE)
1pc	4-090-076-11	o	OPERATING INSTRUCTIONS (ENGLISH, FRENCH, SPANISH)
1pc	4-090-076-21	o	OPERATING INSTRUCTIONS (GERMAN, ITALIAN)
1pc	4-090-077-01	o	QUICK REFENCE CARD
1pc	4-090-336-01	o	OPERATING INSTRUCTIONS (MEMORY STICK)(VPL-CX5) (JAPANESE, SIMPLIFIED.CHINESE)
1pc	4-090-336-11	o	OPERATING INSTRUCTIONS (MEMORY STICK)(VPL-CX5) (ENGLISH, FRENCH, SPANISH)
1pc	4-090-336-21	o	OPERATING INSTRUCTIONS (MEMORY STICK)(VPL-CX5) (GERMAN, ITALIAN)

Section 5
Block Diagrams




Q(1/2)
C (1/4)
J21
VIDEO
CN20
S VIDEO
CN21(1/2)
CN201(1/2)
10 CVBS 10
8 S-Y 8
6 S-C 6
IC203
VIDEO DECODER
95 AI12
57 AI31
13 AI41
2/4,3/4 SDA 400K
2/4,3/4 SCL 400K
153 SDA
139 SCL
2/4 R DEC
2/4 G DEC
2/4 B DEC
55 AI44
89 AI24
71 AI34
2/4 15K CS
105 AI14
X200
24.576MHz
2 XTALO
16 XTALI
114 ITRI
IPD0
IPD7
HPD0
HPD7
RTS0 126
IDQ 115
IGPH 100
IGPV 102
IGP1 101
IC204((1/2)
SYNC BUFF
3/4 DEC EN
CN202(3/4)
28 VY0
27 VY1
26 VY2
25 VY3
24 VY4
23 VY5
22 VY6
21 VY7
20 VUV0
19 VUY1
18 VUV2
17 VUY3
16 VUV4
15 VUY5
14 VUV6
13 VUY7
B
MS BOARD
CN1001(1/3)
IC300(1/3)
SCAN CONV
VG/Y/U0
VG/Y/U7
VB/UV/V0
VB/UV/V7
72 VCLK
53 VPEN
34 VHS
14 VVS
15 VFIELD
A
MS BOARD
CN1001(1/3)
CN202(1/4)
VCLK 3
VPEN 4
VHS 6
VVS 5
IC204((2/2)
SYNC BUFF
IC205
SYNC SW
HSI 3/4
VSI 3/4
3/4 MS EN
2/4 HS
2/4 VS
3/4 SW1
IC202
5V-3
3.3V REG
3.3V
IC206
3.3V REG
3.3V
Q(2/2)
J20
AUDIO
INPUT
CN21(2/2)
CN201(2/2)
3 AU L 3
1 AU R 1
IC1103
AUDIO PROC
17 IN1L
13 IN2R
OUT L 2
OUT R 9
IC1106
AUDIO AMP
1 INP
OUT P 7
OUT N 10
3 SHUT DOWN
CN1102
1 SP +
2 SP -
SPEAKER
C
MS BOARD
CN1001(2/3)
CN202(2/4)
MS AU L 8
MS AU R 10
18 IN2L
14 IN1R
1/4,3/4 SDA 100K
1/4,3/4 SCL 100K
4 SDA
5 SCL
3/4 AU MUTE
MUTE
Q1104
IC1109
AUDIO +B
5V REG
5V

C (2/4)

CN100 INPUT-A

R DEC 1/4
G DEC 1/4
B DEC 1/4

IC100 DDC
VCLK 7
SDA 5
SCL 6
VCC 8
5V-1
Q100

Q101,104,105 BUFF

IC102 SYNC SEP
GREEN 4
HD 15
VD 13
CLAMP 17
C/H 6
VIN 8
H POL 18
V POL 19

LIMIT Q102
LIMIT Q103

IC105 A/D CONV
RA IN 54
GA IN 48
SOG IN 49
BA IN 43
HSYNC 30
VSYNC 31
CLAMP 38
SDA 57
SCL 56
DED0 77
DRA7 70
GREEN0 9
GREEN7 2
BLUE0 19
BLUE7 12
HS OUT 66
VS OUT 64
SOG OUT 65
DATA CK 67
COAST 29

IC300(2/3) SCAN CONV
GRE0 144
GRE7 152
GGE0 118
GGE7 112
GBE0 38
GBE7 19
GFBK 109
GVS 117
GPENSOG 104
GCLK 111
GCOAST 96
GHS 103
DRE0 165
DRE7 174
DGE0 235
DGE7 256
DBE0 191
DBE7 252

15K CS 1/4
HS 1/4
VS 1/4
H POL 3/4
V POL 3/4

SDA PW
SCL PW
PORT A0 42
PORT A1 21

IC305 SPECTPUM SPREAD
X300 16.384MHz
DCKEXT 249
MCKEXT 229

3.3V-2
IC303 RESET
IC304
RESET 83

IC402 3D GAMMA & TG
RIN0 126
RIN7 91
GIN0 87
GIN7 43
BIN0 84
BIN7 121
ROSD0 116
ROSD1 77
ROSD2 31
OSD YM 74
GOSD0 115
GOSD1 76
GOSD2 30
OSD YS 28
BOSD0 114
BOSD1 75
BOSD2 29
CLKI 125
HSYNC 81
VSYNC 35
HSDA 119
HSCL 80
RESET 48
RSDA 32
RSCL 33

IC401
DRE0
DRE1
DRE7
DGE0
DGE1
DGE7

3/4 OSD EN

ROUT0 70
ROUT9 110
GOUT0 19
GOUT9 106
BOUT0 15
BOUT9 102

R0-9 4/4
G0-9 4/4
B0-9 4/4

CNT 1A 5
CNT 1B 53
CNT 2A 6
CNT 2B 54
INVCNT 95

POS CON0 4/4
POS CON1 4/4
POS CON2 4/4
POS CON3 4/4
DCFB OFF 4/4

IC450 BUFF
LCD RGT 50
LCD RGTX 51
LCD HCK1 98
LCD HCK2 55
RGT 4/4
RGTX 4/4
HCK 1R 4/4
HCK 1G 4/4
HCK 1B 4/4
HCK 2R 4/4
HCK 2G 4/4
HCK 2B 4/4

IC451 BUFF
LCD FRP 58
LCD PRG 10
LCD ENB 2
LCD HST 97
LCD VST 7
LCD VCK 8
LCD PCG 100
LCD DWN 57
FRP 4/4
PRG 4/4
ENB 4/4
HST 4/4
VST 4/4
VCK 4/4
PCG 4/4
DWN 4/4

Q450

AGC SHP 96
IC452
CLR 4/4

IC404
MCLK R 4/4
MCLK G 4/4
MCLK B 4/4

CN401
WSDA 3
WSCL 2
3D GAMMA EEPROM
S401
W
N

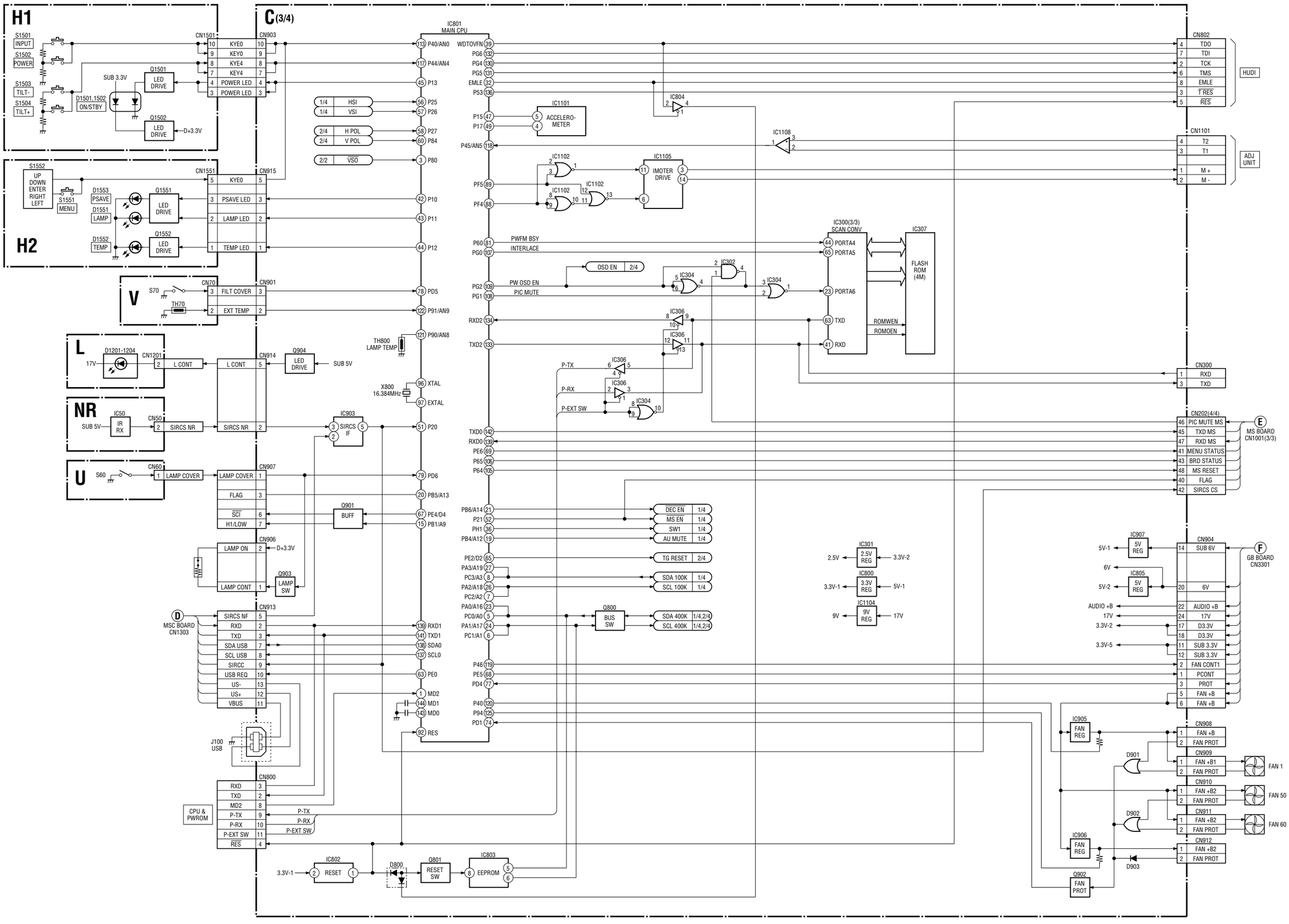
SDA 400K 1/4,3/4
SCL 400K 1/4,3/4

IC403 RESET
3/4 TG RESET

IC405 RESET
Q402 RESET SW
IC406 EEPROM
SDA 5
SCL 6
VCC 8

IC101 5V REG
IC103 3.3V REG
IC104 3.3V REG
6V
5V-3
3.3V-3
3.3V

VSO 3/4


H1
C (3/4)
H2
V
L
NR
U
IC801 MAIN CPU
CN1501
CN903
CN915
CN1551
CN70
CN901
CN914
CN1201
CN50
CN60
CN907
CN906
CN913
CN800
CN802
CN1101
CN300
CN202(4/4)
CN904
CN908
CN909
CN910
CN911
CN912
S1501 INPUT
S1502 POWER
S1503 TILT-
S1504 TILT+
S1552 UP DOWN ENTER RIGHT LEFT
S1551 MENU
S70
TH70
S60
D1501,1502 ON/STBY
D1553 PSAVE
D1551 LAMP
D1552 TEMP
D1201-1204
Q1501 LED DRIVE
Q1502 LED DRIVE
Q1551 LED DRIVE
Q1552 LED DRIVE
Q904 LED DRIVE
Q901 BUFF
Q903 LAMP SW
Q800 BUS SW
Q801 RESET SW
SUB 3.3V
D+3.3V
SUB 5V
17V
KEY0
KEY0
KEY4
POWER LED
POWER LED
HSI
VSI
H POL
V POL
VSO
PSAVE LED
LAMP LED
TEMP LED
FILT COVER
EXT TEMP
L CONT
L CONT
SIRCS NR
SIRCS NR
LAMP COVER
LAMP COVER
FLAG
SCI
H1/LOW
LAMP ON
LAMP CONT
SIRCS NF
RXD
TXD
SDA USB
SCL USB
SIRCC
USB REQ
US-
US+
VBUS
RXD
TXD
MD2
P-TX
P-RX
P-EXT SW
RES
TDO
TDI
TCK
TMS
EMLE
T_RES
RES
T2
T1
M +
M -
RXD
TXD
PIC MUTE MS
TXD MS
RXD MS
MENU STATUS
BRD STATUS
MS RESET
FLAG
SIRCS CS
SUB 6V
AUDIO +B
17V
D3.3V
D3.3V
SUB 3.3V
SUB 3.3V
FAN CONT1
PCONT
PROT
FAN +B
FAN +B
FAN +B
FAN PROT
FAN +B1
FAN PROT
FAN +B2
FAN PROT
FAN +B2
FAN PROT
FAN +B2
FAN PROT
HUDI
ADJ UNIT
MS BOARD CN1001(3/3)
GB BOARD CN3301
MSC BOARD CN1303
CPU & PWROM
J100 USB
FAN 1
FAN 50
FAN 60
IC1101 ACCELERO-METER
IC1102
IC1105 IMOTER DRIVE
IC804
IC1108
IC300(3/3) SCAN CONV
IC307 FLASH ROM (4M)
IC302
IC304
IC306
IC903 SIRCS I/F
IC301 2.5V REG
IC800 3.3V REG
IC1104 9V REG
IC907 5V REG
IC805 5V REG
IC905 FAN REG
IC906 FAN REG
IC802 RESET
IC803 EEPROM
X800 16.384MHz
TH800 LAMP TEMP
D800
D901
D902
D903
P45/AN5
PF5
PF4
PG2
PG1
RXD2
TXD2
TXD0
RXD0
PE6
P65
P64
PB6/A14
P21
PH1
PB4/A12
PE2/D2
PA3/A19
PC3/A3
PA2/A18
PC2/A2
PA0/A16
PC0/A0
PA1/A17
PC1/A1
P46
PE5
PD4
P40
P94
PD1
PWFM BSY
INTERLACE
PW OSD EN
PIC MUTE
OSD EN
P-TX
P-RX
P-EXT SW
ROMWEN
ROMOEN
DEC EN
MS EN
SW1
AU MUTE
TG RESET
SDA 100K
SCL 100K
SDA 400K
SCL 400K
2.5V
3.3V-1
3.3V-2
5V-1
5V-2
6V
9V
17V
AUDIO +B
3.3V-5

C (4/4)

CX5 MODEL

CS5 MODEL

IC601 LCD DRIVER (R)

IC602 LCD DRIVER (R)

IC501 LCD DRIVER (G)

IC502 LCD DRIVER (G)

IC701 LCD DRIVER (B)

IC702 LCD DRIVER (B)

IC551 15.5V REG

IC550 13.5V REG

IC471 D/A CONV

Q471 BUS SW

Q601,602 BUFF

Q501,502 BUFF

Q701,702 BUFF

CN601 LCD R

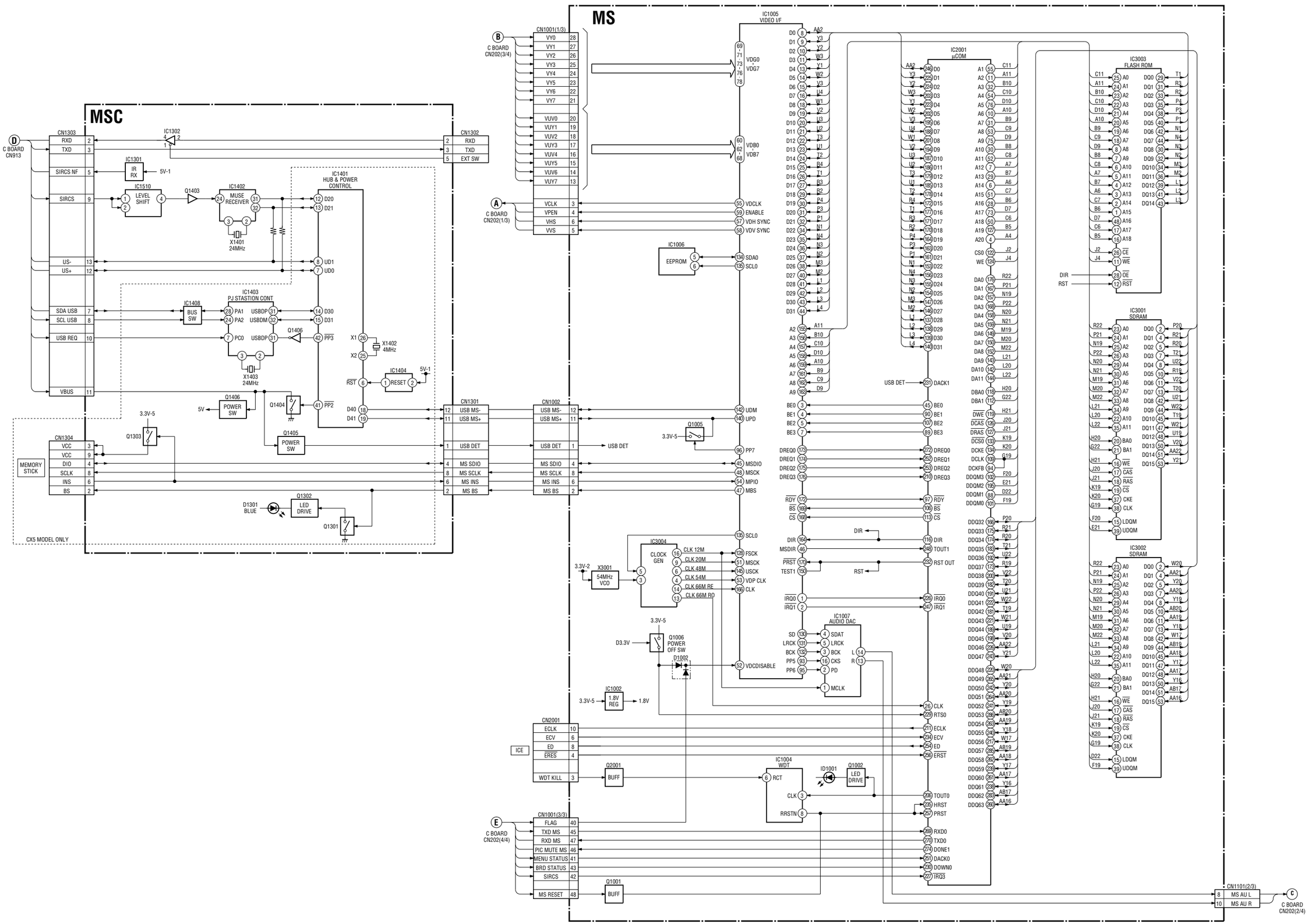
CN602 LCD R

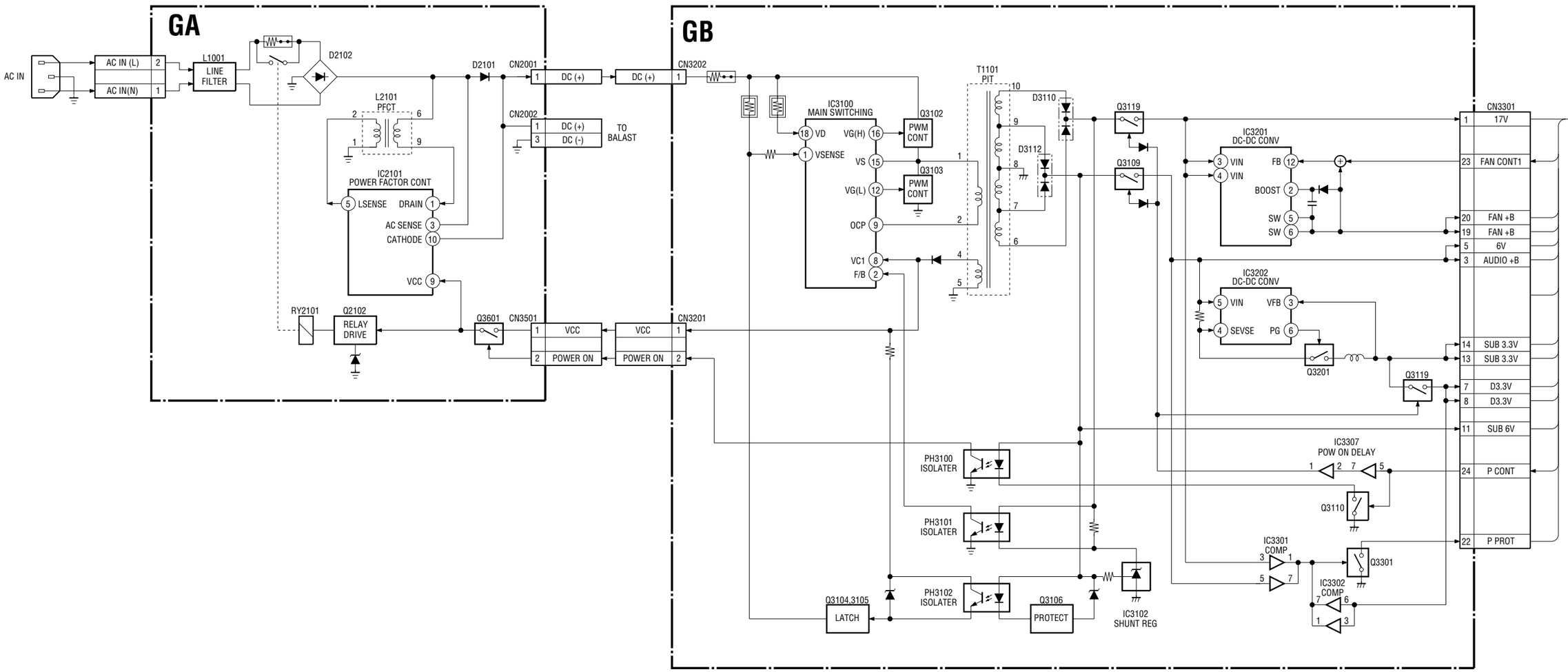
CN501 LCD G

CN502 LCD G

CN601 LCD B

CN702 LCD B


MS
MSC
IC1005 VIDEO I/F
IC2001 µCOM
IC3003 FLASH ROM
IC3001 SDRAM
IC3002 SDRAM
IC1401 HUB & POWER CONTROL
IC1403 PJ STASTION CONT
IC1402 MUSE RECEIVER
IC1301 IR RX
IC1510 LEVEL SHIFT
IC1302
IC1408 BUS SW
IC1404 RESET
IC1006 EEPROM
IC1007 AUDIO DAC
IC1002 1.8V REG
IC3004 CLOCK GEN
IC1004 WDT
X3001 54MHz VCO
X1401 24MHz
X1403 24MHz
X1002 4MHz
Q1406 POWER SW
Q1404
Q1405 POWER SW
Q1303
Q1005
Q1403
Q1006 POWER OFF SW
Q1302 LED DRIVE
Q1301
Q2001 BUFF
Q1001 BUFF
Q1002 LED DRIVE
D1301 BLUE
D1002
ID1001
CN1303
CN1304
CN1301
CN1302
CN1001(1/3)
CN1002
CN1001(3/3)
CN2001
CN1101(2/3)
C BOARD CN913
C BOARD CN202(3/4)
C BOARD CN202(1/3)
C BOARD CN202(4/4)
C BOARD CN202(2/4)
MEMORY STICK
ICE
CX5 MODEL ONLY
RXD
TXD
SIRCS NF
SIRCS
US-
US+
SDA USB
SCL USB
USB REQ
VBUS
EXT SW
VCC
DIO
SCLK
INS
BS
USB MS-
USB MS+
USB DET
MS SDIO
MS SCLK
MS INS
MS BS
VY0
VY1
VY2
VY3
VY4
VY5
VY6
VY7
VUV0
VUV1
VUV2
VUV3
VUV4
VUV5
VUV6
VUV7
VCLK
VPEN
VHS
VVS
VDG0
VDG7
VDB0
VDB7
VDCLK
ENABLE
VDH SYNC
VDV SYNC
SDA0
SCL0
UDM
UPD
PP7
MSDIO
MSCK
MPIO
MBS
FSCK
USCK
VDP CLK
CLK
VDCDISABLE
CLK 12M
CLK 20M
CLK 48M
CLK 54M
CLK 66M RE
CLK 66M RO
3.3V-5
3.3V-2
5V
5V-1
1.8V
D3.3V
DIR
RST
USB DET
DACK1
RDY
BS
CS
TOUT1
RST OUT
IRQ0
IRQ1
RXD0
TXD0
DONE1
DACK0
DOWN0
IRQ3
TOUT0
HRST
PRST
ECLK
ECV
ED
ERST
FLAG
TXD MS
RXD MS
PIC MUTE MS
MENU STATUS
BRD STATUS
SIRCS
MS RESET
MS AU L
MS AU R
DIR
RST


GA
GB
AC IN
AC IN (L) 2
AC IN(N) 1
L1001
LINE FILTER
D2102
D2101
CN2001
1 DC (+)
CN2002
1 DC (+)
3 DC (-)
TO BALLAST
L2101
PFCT
IC2101
POWER FACTOR CONT
5 LSENSE
DRAIN 1
AC SENSE 3
CATHODE 10
VCC 9
RY2101
Q2102
RELAY DRIVE
Q3601
CN3501
1 VCC
2 POWER ON
CN3202
DC (+) 1
CN3201
VCC 1
POWER ON 2
IC3100
MAIN SWITCHING
18 VD
1 VSENSE
VG(H) 16
VS 15
VG(L) 12
OCP 9
VC1 8
F/B 2
Q3102
PWM CONT
Q3103
PWM CONT
T1101
PIT
D3110
D3112
Q3119
Q3109
IC3201
DC-DC CONV
3 VIN
4 VIN
FB 12
BOOST 2
SW 5
SW 6
IC3202
DC-DC CONV
5 VIN
4 SEVSE
VFB 3
PG 6
Q3201
Q3119
CN3301
1 17V
23 FAN CONT1
20 FAN +B
19 FAN +B
5 6V
3 AUDIO +B
14 SUB 3.3V
13 SUB 3.3V
7 D3.3V
8 D3.3V
11 SUB 6V
24 P CONT
22 P PROT
F
C BOARD CN904
IC3307
POW ON DELAY
Q3110
IC3301
COMP
Q3301
IC3302
COMP
PH3100
ISOLATER
PH3101
ISOLATER
PH3102
ISOLATER
Q3104,3105
LATCH
Q3106
PROTECT
IC3102
SHUNT REG

Section 6
Diagrams

Note:
- Parts marked " * " differ according to the model/destination. Refer to the mount table for each function.
- The parts marked " # " on schematic diagrams are not mounted.
- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics.
- All electrolytics are in 50 V unless otherwise specified.
- : fusible resistor
- : nonflammable resistor
- Δ : internal component
- : panel designation and adjustment for repair
- Caution when replacing chip parts
  New parts must be attached after removal of the chip.
  Be careful not to heat the minus side of a tantalum capacitor, because it is easily damaged by the heat.

Reference information

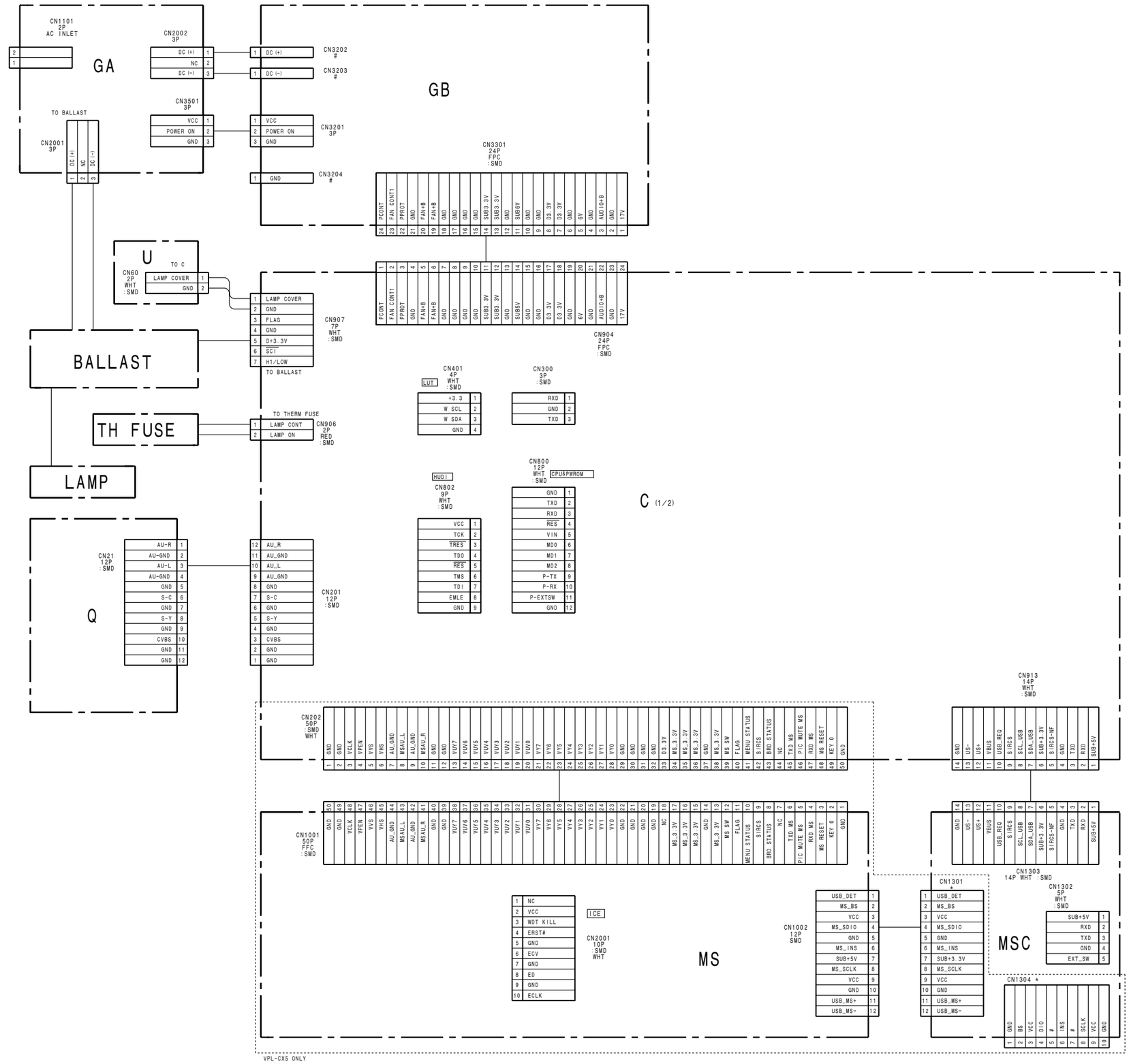
RESISTOR	RN	: METAL FILM
	RC	: SOLID
	FPRD	: NONFLAMMABLE CARBON
	FUSE	: NONFLAMMABLE FUSIBLE
	RS	: NONFLAMMABLE METAL OXIDE
	RB	: NONFLAMMABLE CEMENT
	RW	: NONFLAMMABLE WIREWOUND
	※	: ADJUSTMENT RESISTOR
COIL	LF-8L	: MICRO INDUCTOR
CAPACITOR	TA	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

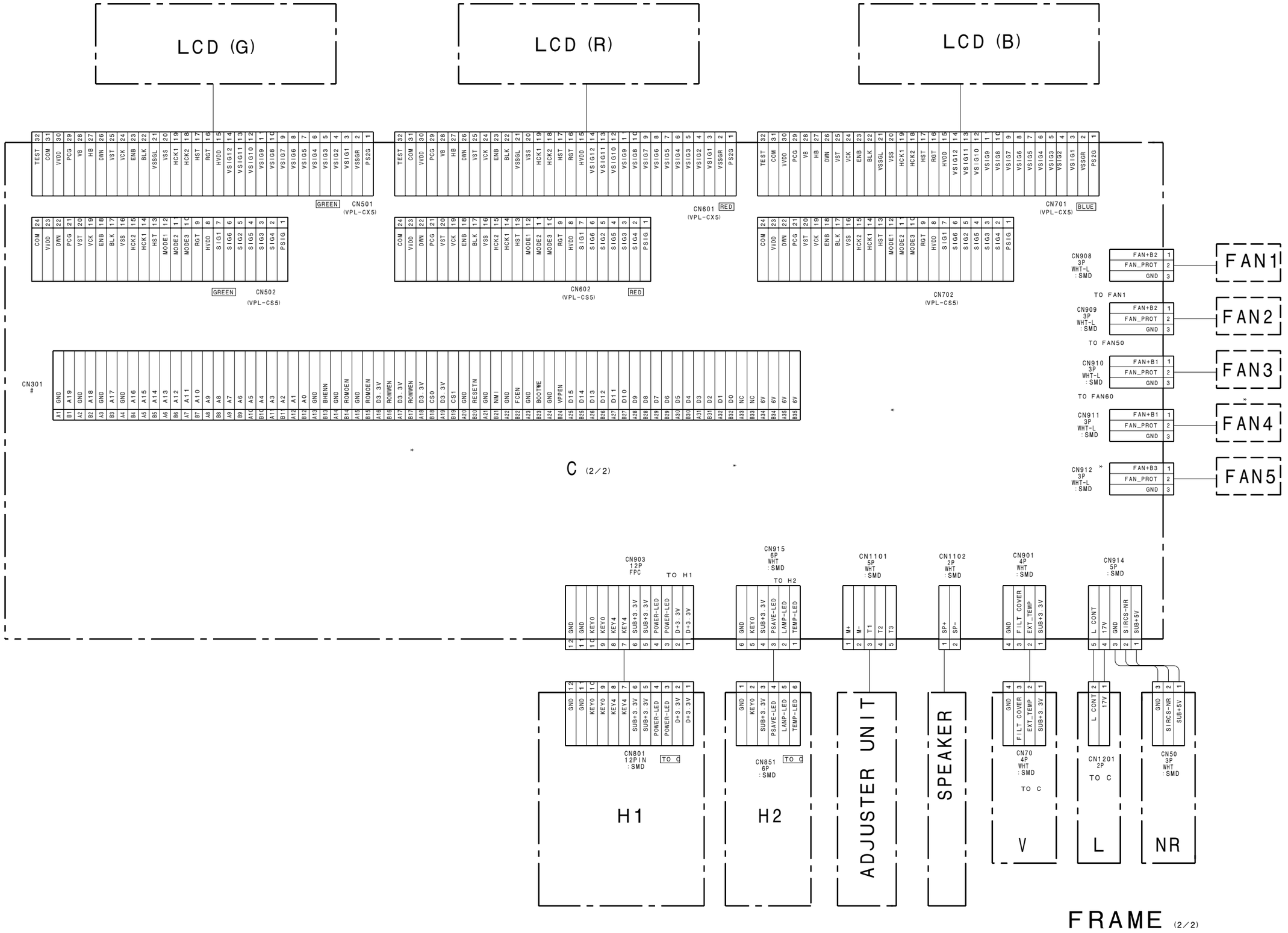
[Measuring conditions, voltage and waveform]
- A voltage value is the reference value between the measurement point and the earth, when the NTSC color bar signal is received from the color bar generator. (digital multi-meter used: 10 M ohms/V DC)
- Unit of voltage is V (volt).
  (Voltage variations may occur due to normal production tolerances.)
- V : B line
- No mark : NTSC (3.58 MHz) color bar signal.
- ☆ : Measurement disabled.
- : Signal path.

The components identified marked ⚠ are critical for safety.
Replace only with the part number specified.

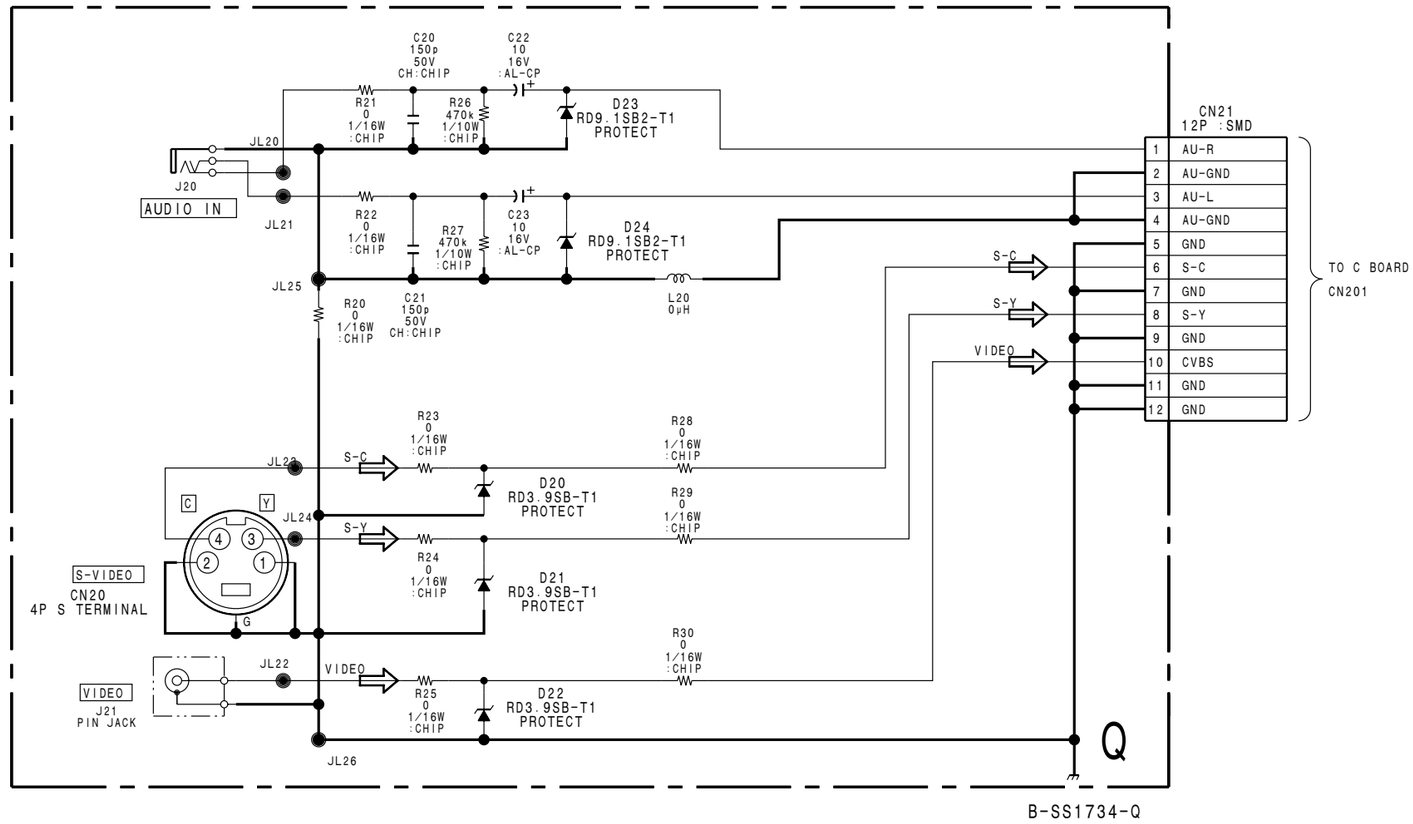
Les composants identifiés par la marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

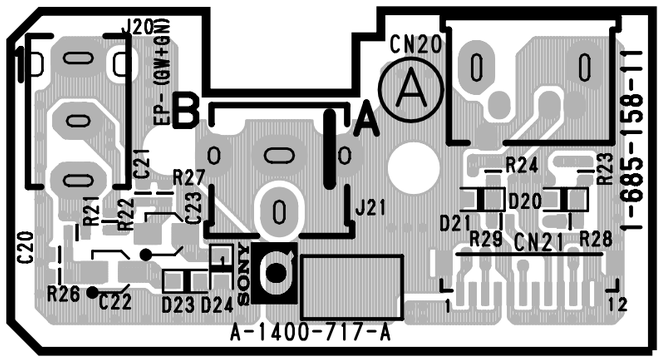
6-1. Frame Schematic Diagrams



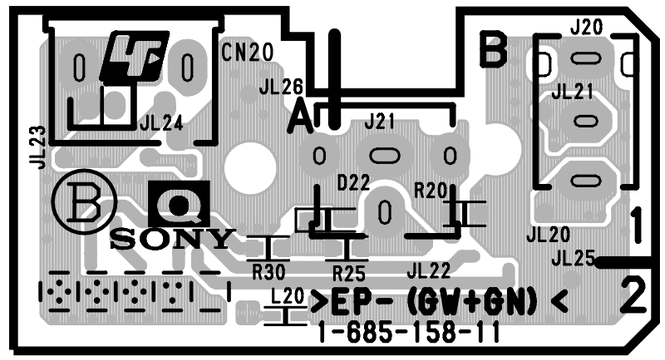

LCD (G)
LCD (R)
LCD (B)
CN501 (VPL-CX5) GREEN
CN601 RED (VPL-CX5)
CN701 (VPL-CX5) BLUE
CN502 (VPL-CS5) GREEN
CN602 (VPL-CS5) RED
CN702 (VPL-CS5)
CN908 3P WHT-L :SMD
CN909 3P WHT-L :SMD
CN910 3P WHT-L :SMD
CN911 3P WHT-L :SMD
CN912 3P WHT-L :SMD
FAN+B2
FAN+B1
FAN+B3
FAN_PROT
GND
FAN1
FAN2
FAN3
FAN4
FAN5
TO FAN1
TO FAN50
TO FAN60
CN301
C (2/2)
CN903 12P FPC
TO H1
CN915 6P WHT :SMD
TO H2
CN1101 5P WHT :SMD
CN1102 2P WHT :SMD
CN901 4P WHT :SMD
CN914 5P :SMD
CN801 12PIN :SMD
TO C
CN851 6P :SMD
CN70 4P WHT :SMD
CN1201 2P
CN50 3P WHT :SMD
H1
H2
ADJUSTER UNIT
SPEAKER
V
L
NR
FRAME (2/2)

6-2. Schematic Diagrams and Printed Wiring Boards

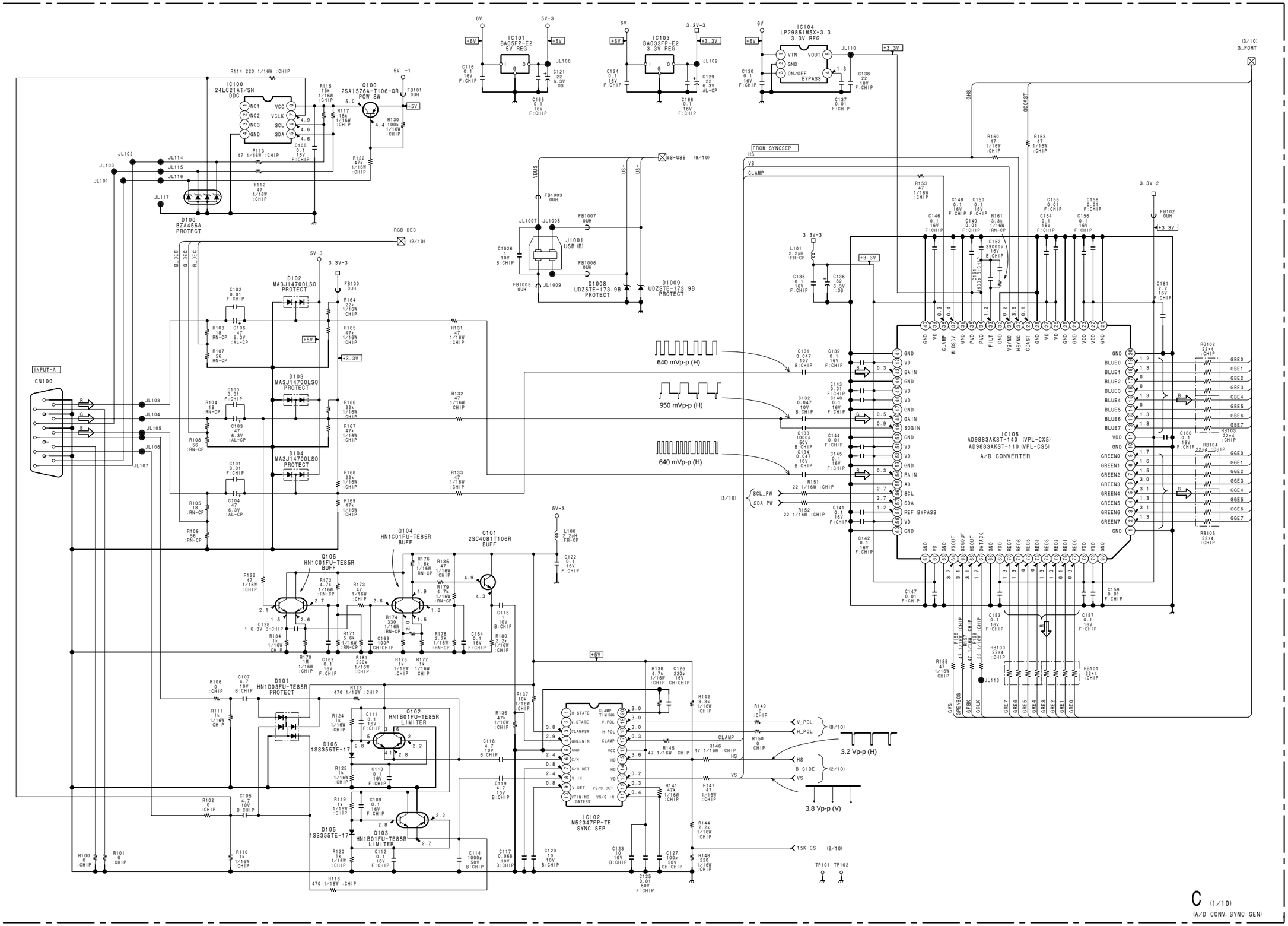




Q -A SIDE-
SUFFIX: -11

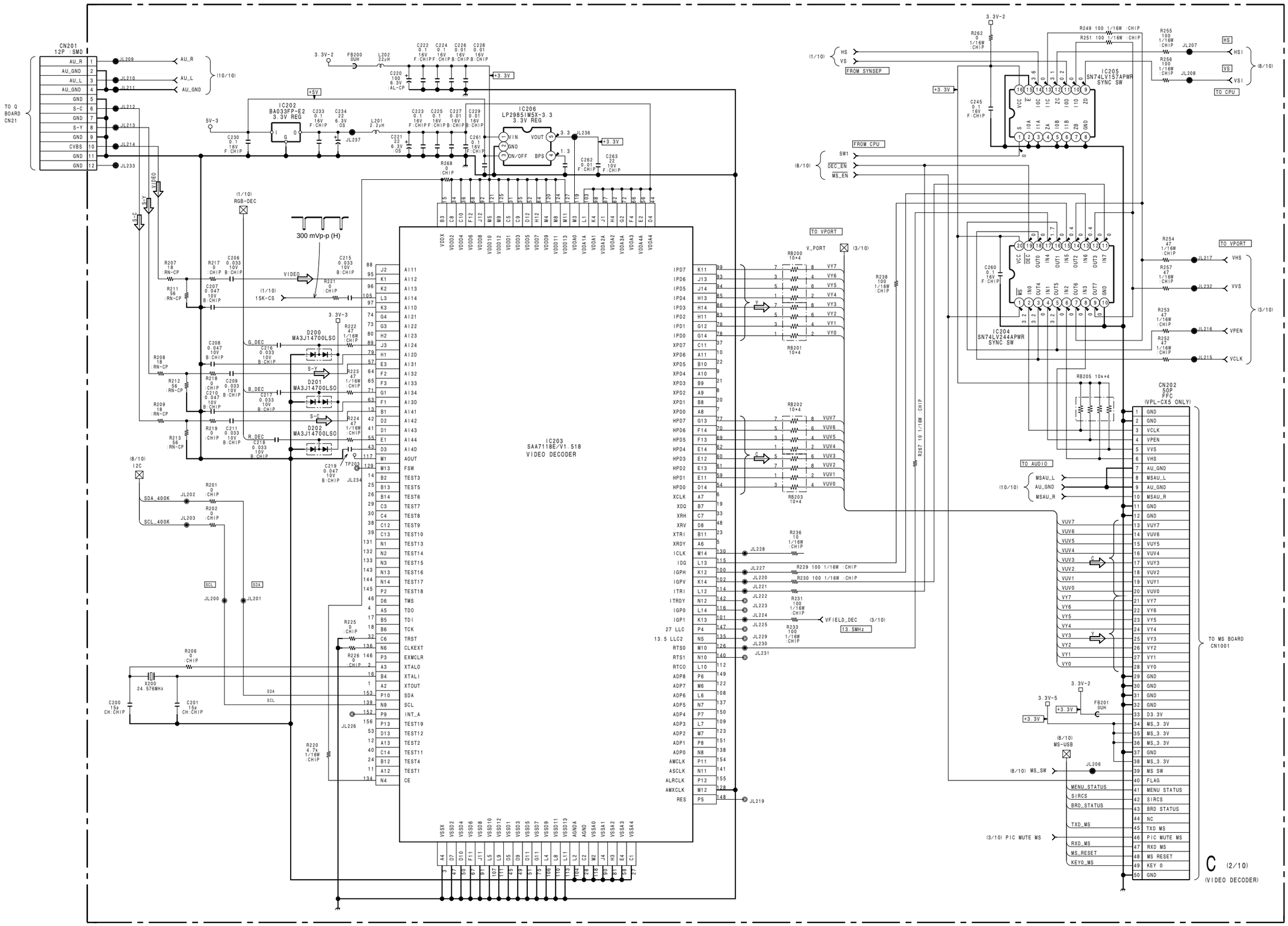


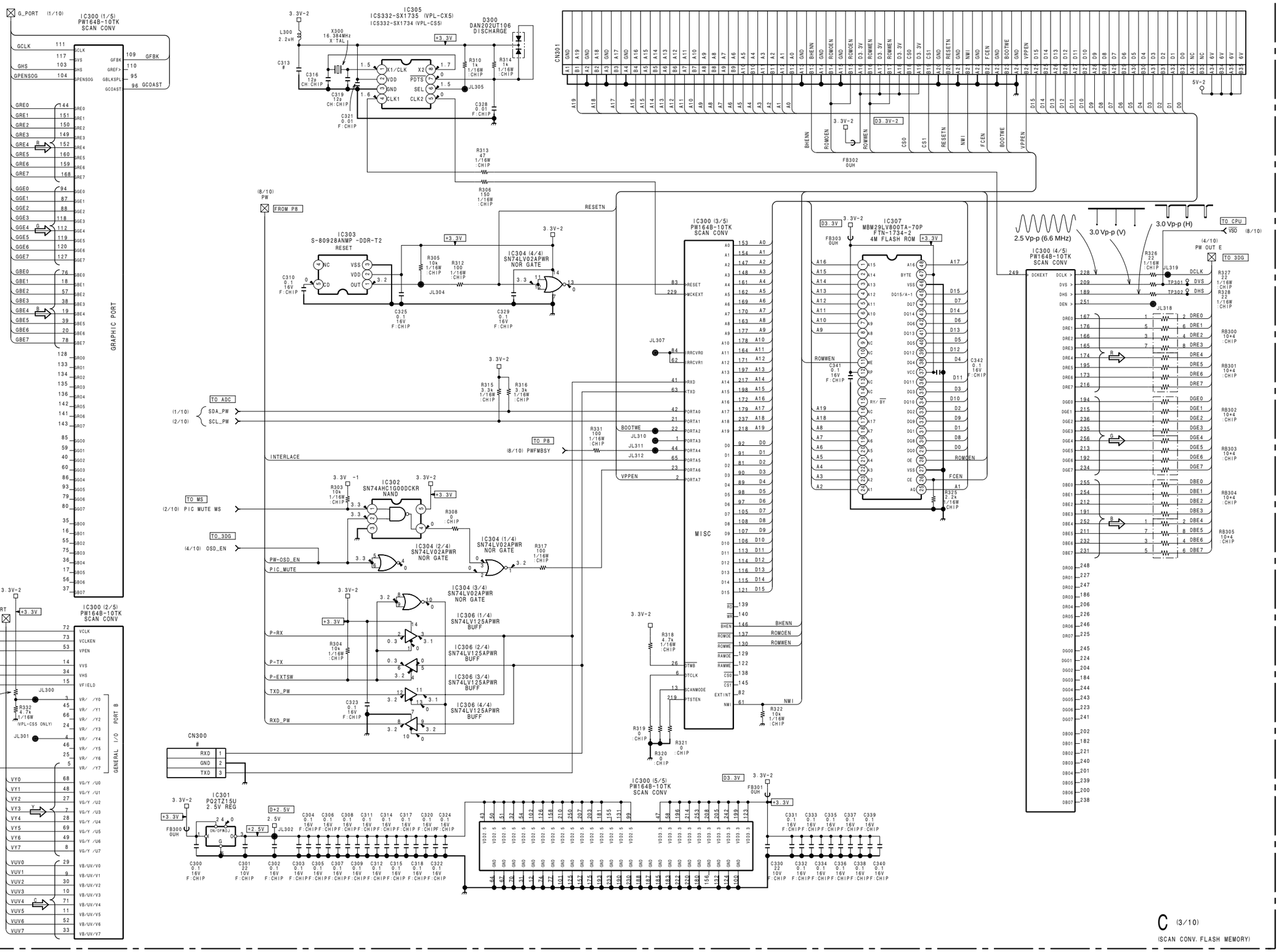
Q -B SIDE-
SUFFIX: -11

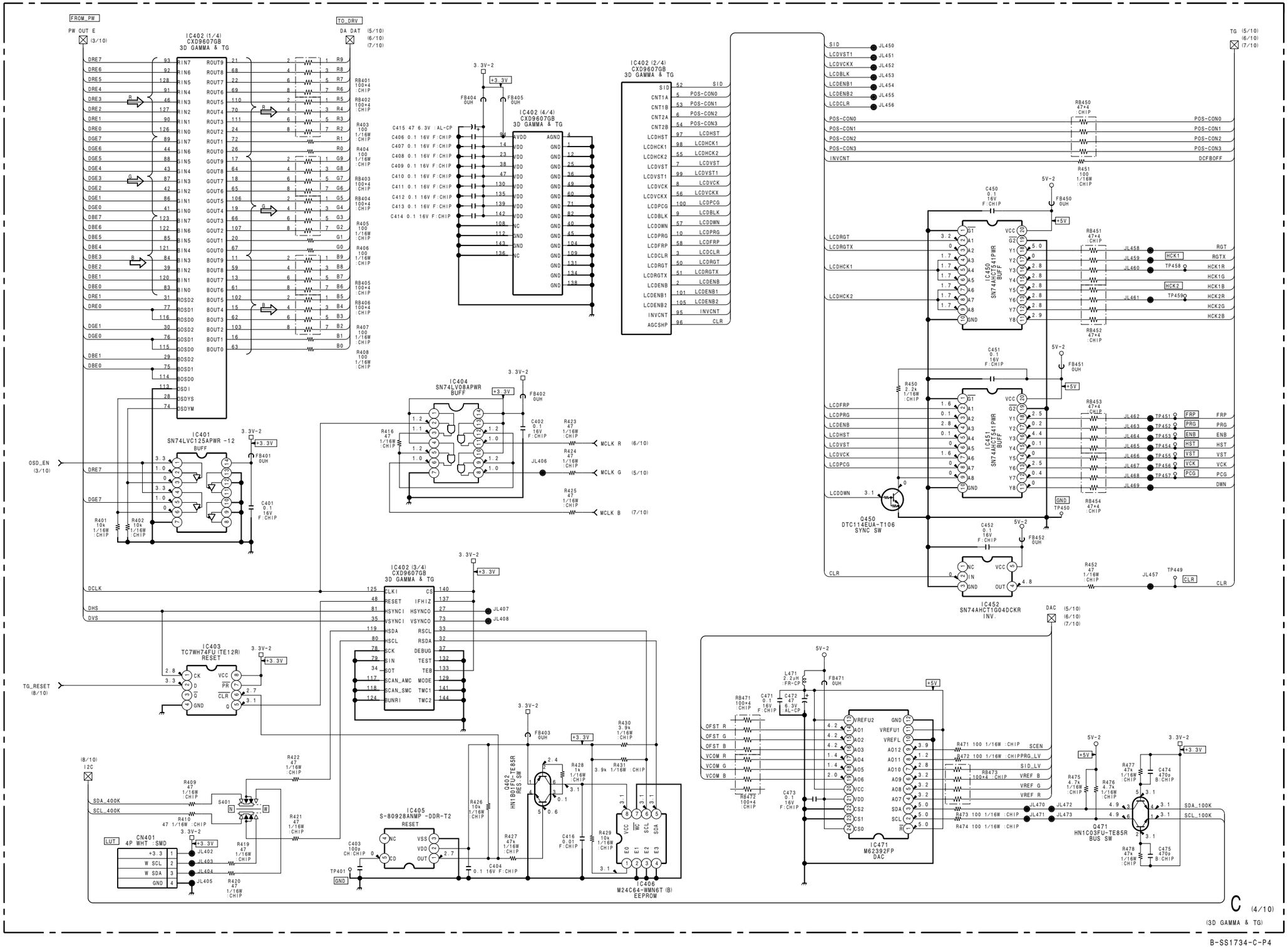


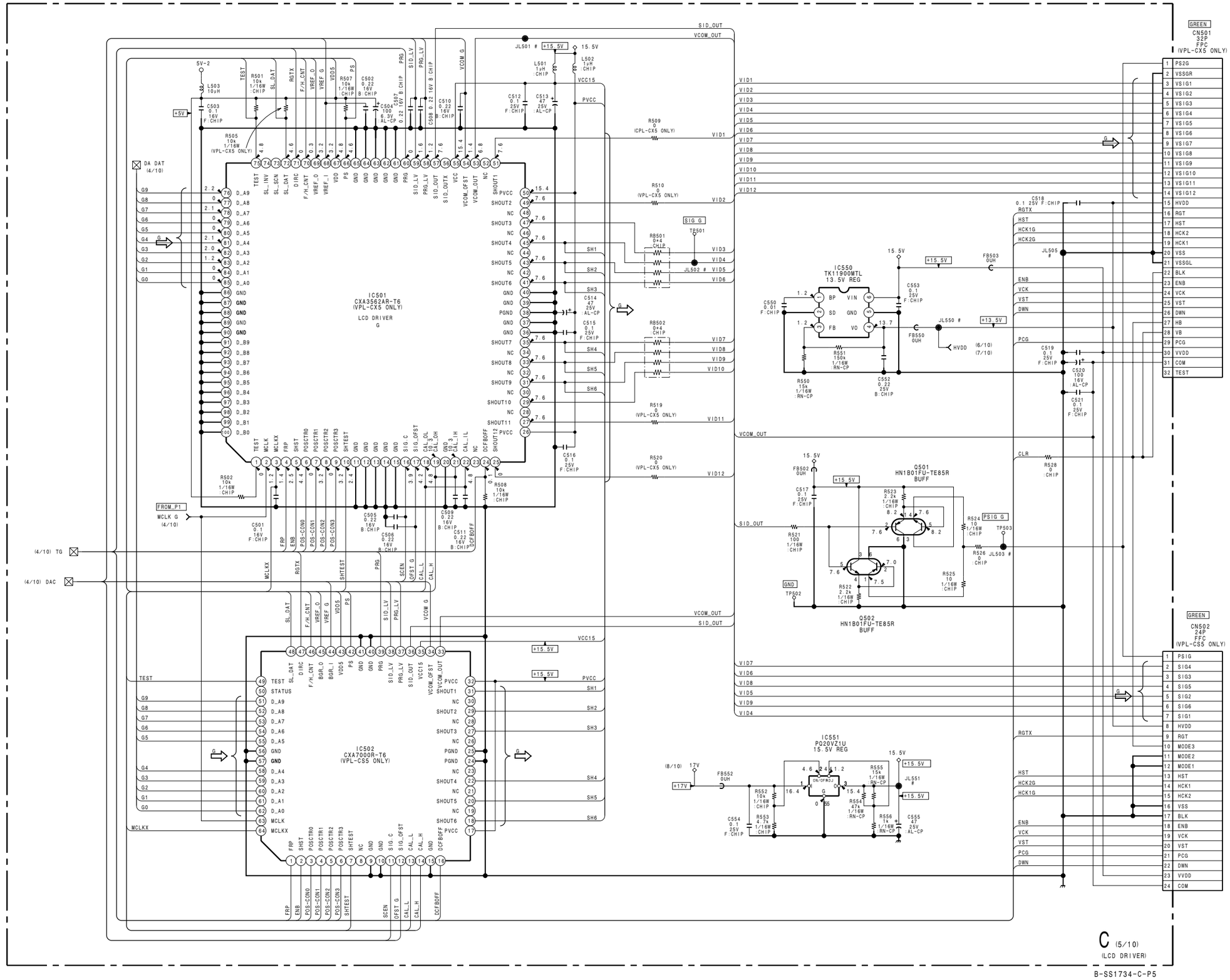
C (1/10)
(A/D CONV. SYNC GEN)

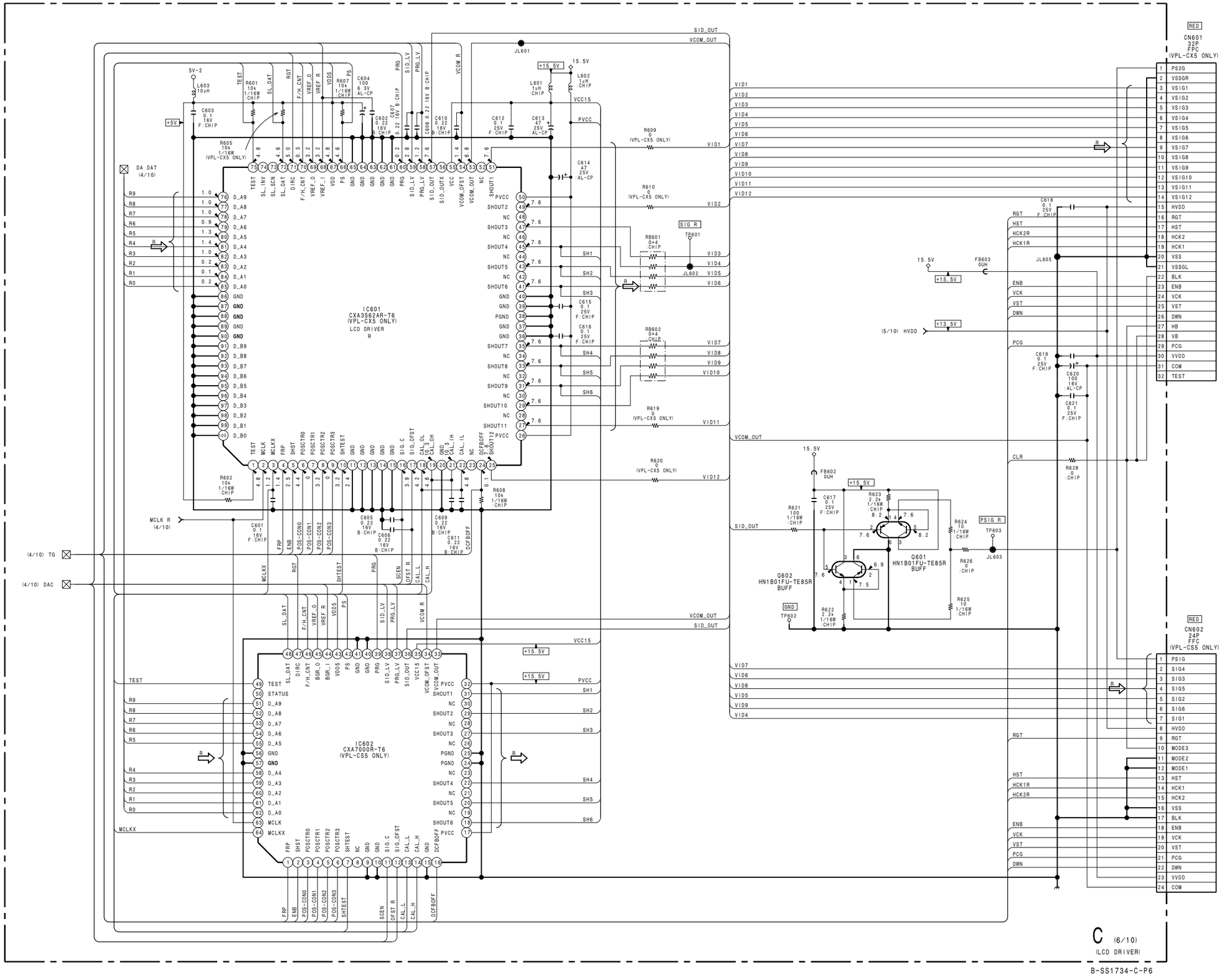
B-SS1734-C-P1

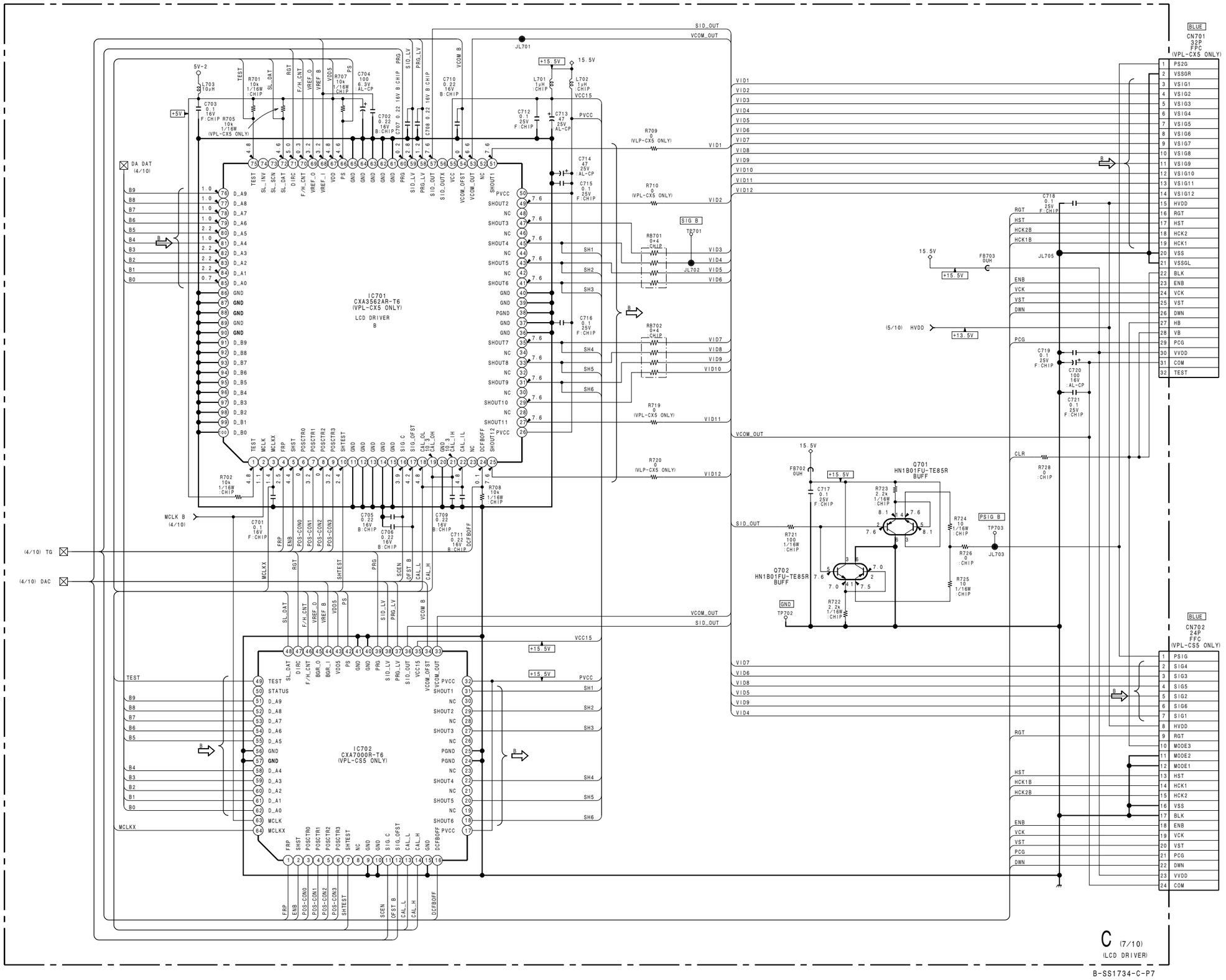

CN201
12P :SMD
AU_R
AU_GND
AU_L
AU_GND
GND
S-C
GND
S-Y
GND
CVBS
GND
GND
TO O BOARD CN21
(10/10)
IC202
BA033FP-E2
3.3V REG
IC206
LP2985IM5X-3.3
3.3V REG
IC203
SAA7118E/V1.518
VIDEO DECODER
300 mVp-p (H)
15K-CS
D200
MA3J14700LSO
D201
MA3J14700LSO
D202
MA3J14700LSO
X200
24.576MHz
SDA_400K
SCL_400K
(8/10)
I2C
(1/10)
RGB-DEC
TO VPORT
V_PORT
(3/10)
RB200 10+4
RB201 10+4
RB202 10+4
RB203 10+4
RB205 10+4
FROM SYNSEP
FROM CPU
(8/10)
IC205
SN74LV157APWR
SYNC SW
IC204
SN74LV244APWR
SYNC SW
TO CPU
TO AUDIO
(10/10)
CN202
50P
FFC
(VPL-CX5 ONLY)
TO MS BOARD
CN1001
(3/10) PIC MUTE MS
C (2/10)
(VIDEO DECODER)
B-SS1734-C-P2

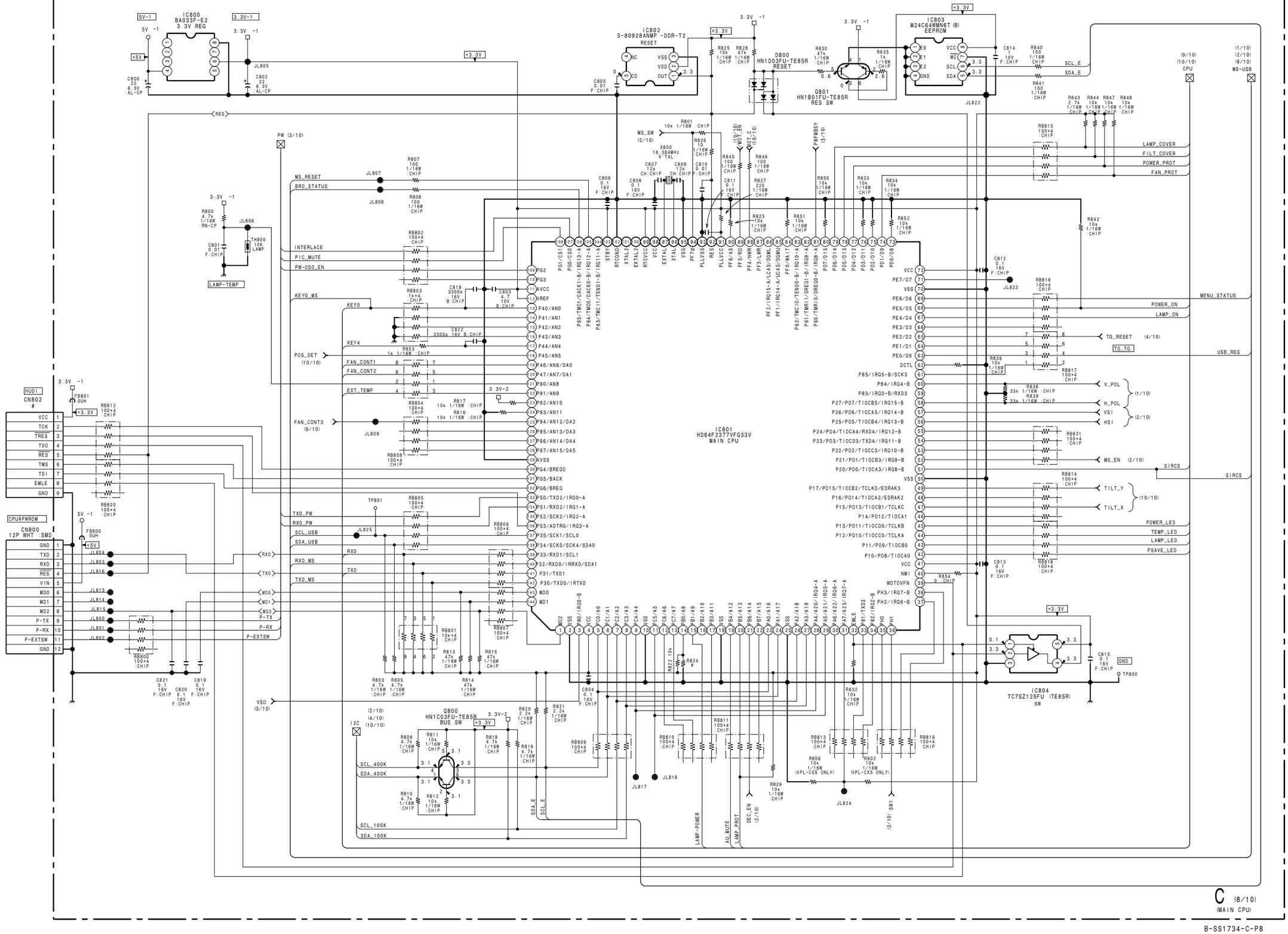

G_PORT (1/10)
IC300 (1/5) PW164B-10TK SCAN CONV
GRAPHIC PORT
GCLK
GHS
GPENSOG
GFBK
GCOAST
GRE0
GRE1
GRE2
GRE3
GRE4
GRE5
GRE6
GRE7
GGE0
GGE1
GGE2
GGE3
GGE4
GGE5
GGE6
GGE7
GBE0
GBE1
GBE2
GBE3
GBE4
GBE5
GBE6
GBE7
GR00
GR01
GR02
GR03
GR04
GR05
GR06
GR07
GG00
GG01
GG02
GG03
GG04
GG05
GG06
GG07
GB00
GB01
GB02
GB03
GB04
GB05
GB06
GB07
IC305
ICS332-SX1735 (VPL-CX5)
ICS332-SX1734 (VPL-CS5)
X300
16.384MHz
X'TAL
L300
2.2uH
C313
C316
12p
CH:CHIP
C319
12p
CH:CHIP
C321
0.01
F:CHIP
X1/CLK
X2
VDD
PDTS
GND
SEL
CLK1
CLK2
JL305
R310
1k
1/16W
:CHIP
R314
1k
1/16W
:CHIP
C328
0.01
F:CHIP
D300
DAN202UT106
DISCHARGE
CN3301
5V-2
BHENN
ROMOEN
ROMWEN
CS0
CS1
RESETN
NMI
FCEN
BOOTWE
VPPEN
FB302
0UH
R313
47
1/16W
:CHIP
R306
150
1/16W
:CHIP
RESETN
(8/10)
PW
FROM P8
IC303
S-80928ANMP -DDR-T2
RESET
C310
0.1
16V
F:CHIP
R305
10k
1/16W
:CHIP
R312
100
1/16W
:CHIP
JL304
C325
0.1
16V
F:CHIP
IC304 (4/4)
SN74LV02APWR
NOR GATE
C329
0.1
16V
F:CHIP
IC300 (3/5)
PW164B-10TK
SCAN CONV
RESET
WCKEXT
RRCVR0
RRCVR1
RXD
TXD
PORTA0
PORTA1
PORTA2
PORTA3
PORTA4
PORTA5
PORTA6
PORTA7
VPPEN
MISC
D0
D1
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
D14
D15
JL307
JL310
JL311
JL312
BOOTWE
R331
100
1/16W
:CHIP
IC307
MBM29LV800TA-70P
FTN-1734-2
4M FLASH ROM
FB303
0UH
C341
0.1
16V
F:CHIP
C342
0.1
16V
F:CHIP
R325
2.2k
1/16W
:CHIP
ROMWEN
FCEN
2.5 Vp-p (6.6 MHz)
3.0 Vp-p (V)
3.0 Vp-p (H)
TO CPU
VSO (8/10)
(4/10)
PW OUT E
TO 3DG
IC300 (4/5)
PW164B-10TK
SCAN CONV
DCKEXT
DCLK
DVS
DHS
DEN
JL319
JL318
TP301
TP302
R326
22
1/16W
:CHIP
R327
22
1/16W
:CHIP
R328
22
1/16W
:CHIP
RB300
10+4
:CHIP
RB301
10+4
:CHIP
RB302
10+4
:CHIP
RB303
10+4
:CHIP
RB304
10+4
:CHIP
RB305
10+4
:CHIP
TO ADC
(1/10)
(2/10)
SDA_PW
SCL_PW
R315
3.3k
1/16W
:CHIP
R316
3.3k
1/16W
:CHIP
TO P8
(8/10) PWFMBSY
INTERLACE
TO MS
(2/10) PIC MUTE MS
IC302
SN74AHC1G00DCKR
NAND
R303
10k
1/16W
:CHIP
R308
0
:CHIP
TO_3DG
(4/10) OSD_EN
PW-OSD_EN
PIC_MUTE
IC304 (2/4)
SN74LV02APWR
NOR GATE
IC304 (1/4)
SN74LV02APWR
NOR GATE
R317
100
1/16W
:CHIP
IC304 (3/4)
SN74LV02APWR
NOR GATE
IC306 (1/4)
SN74LV125APWR
BUFF
IC306 (2/4)
SN74LV125APWR
BUFF
IC306 (3/4)
SN74LV125APWR
BUFF
IC306 (4/4)
SN74LV125APWR
BUFF
P-RX
P-TX
P-EXTSW
TXD_PW
RXD_PW
R304
10k
1/16W
:CHIP
C323
0.1
16V
F:CHIP
CN300
#
RXD
GND
TXD
R318
4.7k
1/16W
:CHIP
R319
0
:CHIP
R320
0
:CHIP
R321
0
:CHIP
R322
10k
1/16W
:CHIP
DTMB
DTCLK
SCANMODE
PTSTEN
EXTINT
NMI
BHENN
ROMOEN
ROMWEN
RAMOEN
RAMWEN
CS0
CS1
IC300 (2/5)
PW164B-10TK
SCAN CONV
PORT B
GENERAL I/O
(2/10) V_PORT
(2/10)
(2/10) VFIELD_DEC
VCLK
VCLKEN
VPEN
VVS
VHS
VFIELD
VR/ /Y0
VR/ /Y1
VR/ /Y2
VR/ /Y3
VR/ /Y4
VR/ /Y5
VR/ /Y6
VR/ /Y7
VG/Y /U0
VG/Y /U1
VG/Y /U2
VG/Y /U3
VG/Y /U4
VG/Y /U5
VG/Y /U6
VG/Y /U7
VB/UV/V0
VB/UV/V1
VB/UV/V2
VB/UV/V3
VB/UV/V4
VB/UV/V5
VB/UV/V6
VB/UV/V7
JL300
JL301
R333
4.7k
1/16W
(VPL-CX5 ONLY)
R332
4.7k
1/16W
(VPL-CS5 ONLY)
R301
10k
1/16W
:CHIP
R302
10k
1/16W
:CHIP
IC301
PQ2TZ15U
2.5V REG
ON/OFFSW
JL302
FB300
0UH
C300
0.1
16V
F:CHIP
C301
22
10V
F:CHIP
C302
0.1
16V
F:CHIP
C303
0.1
16V
F:CHIP
C305
0.1
16V
F:CHIP
C307
0.1
16V
F:CHIP
C309
0.1
16V
F:CHIP
C312
0.1
16V
F:CHIP
C315
0.1
16V
F:CHIP
C318
0.1
16V
F:CHIP
C322
0.1
16V
F:CHIP
C304
0.1
16V
F:CHIP
C306
0.1
16V
F:CHIP
C308
0.1
16V
F:CHIP
C311
0.1
16V
F:CHIP
C314
0.1
16V
F:CHIP
C317
0.1
16V
F:CHIP
C320
0.1
16V
F:CHIP
C324
0.1
16V
F:CHIP
IC300 (5/5)
PW164B-10TK
SCAN CONV
FB301
0UH
C330
22
10V
F:CHIP
C331
0.1
16V
F:CHIP
C332
0.1
16V
F:CHIP
C333
0.1
16V
F:CHIP
C334
0.1
16V
F:CHIP
C335
0.1
16V
F:CHIP
C336
0.1
16V
F:CHIP
C337
0.1
16V
F:CHIP
C338
0.1
16V
F:CHIP
C339
0.1
16V
F:CHIP
C340
0.1
16V
F:CHIP
C (3/10)
(SCAN CONV. FLASH MEMORY)
B-SS1734-C-P3

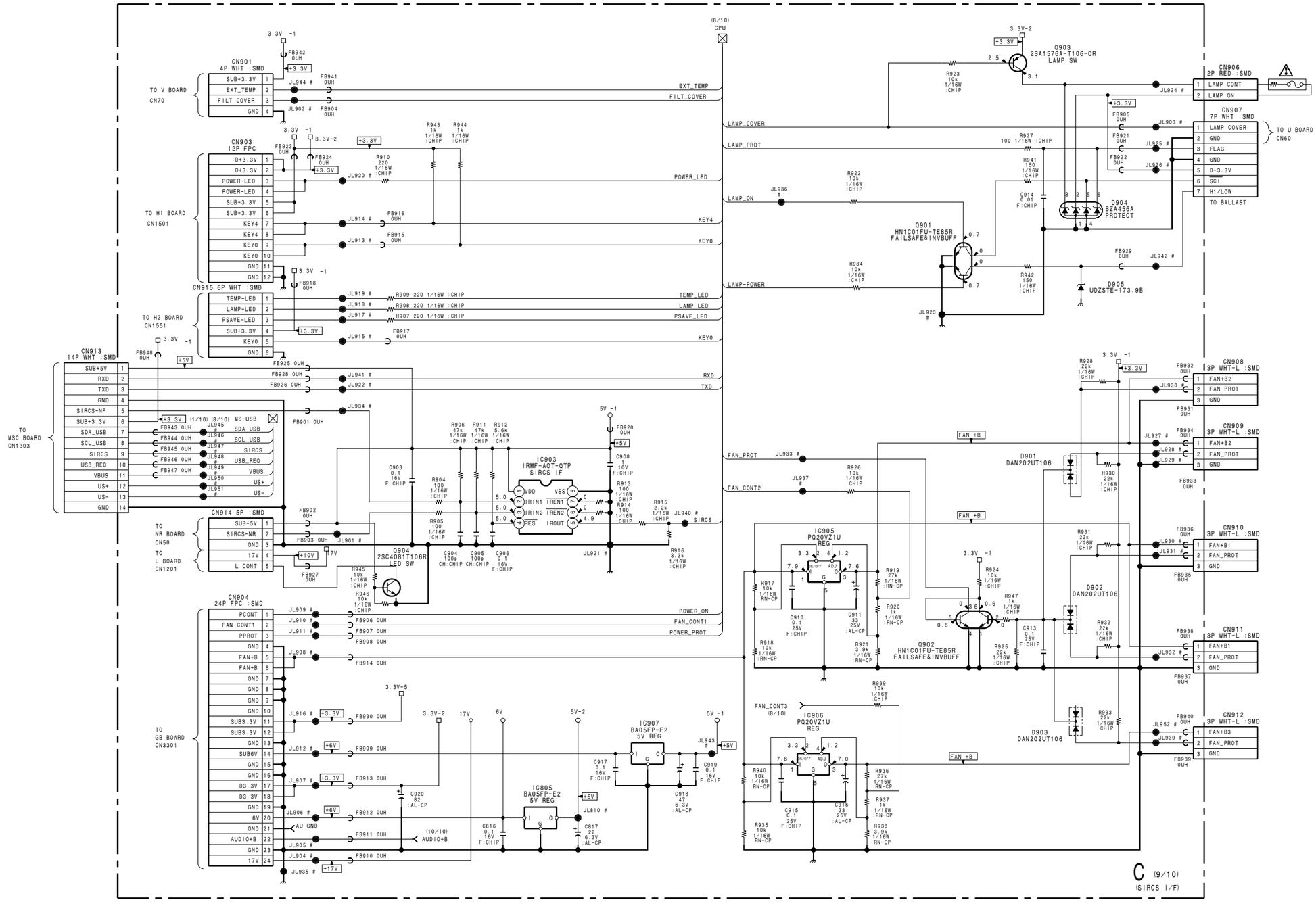

FROM_PW
PW OUT E (3/10)
TO_DRV
DA DAT (5/10) (6/10) (7/10)
IC402 (1/4) CX09607GB 3D GAMMA & TG
IC402 (2/4) CX09607GB 3D GAMMA & TG
IC402 (4/4) CX09607GB 3D GAMMA & TG
IC402 (3/4) CX09607GB 3D GAMMA & TG
IC401 SN74LVC125APWR -12 BUFF
IC404 SN74LV08APWR BUFF
IC403 TC7WH74FU (TE12R) RESET
IC405 S-80928ANMP -DDR-T2 RESET
IC406 M24C64-WMN6T (B) EEPROM
IC450 SN74AHC541PWR BUFF
IC451 SN74AHC541PWR BUFF
IC452 SN74AHT1G04DCKR INV.
IC471 M62392FP DAC
Q450 DTC114EUA-T106 SYNC SW
Q471 HN1C03FU-TE85R BUS SW
Q402 HN1B08FU-TE85R RES SW
CN401 4P WHT :SMD
OSD_EN (3/10)
TG_RESET (8/10)
(8/10) I2C
SDA_400K
SCL_400K
DCLK
DHS
DVS
MCLK R (6/10)
MCLK G (5/10)
MCLK B (7/10)
TG (5/10) (6/10) (7/10)
DAC (5/10) (6/10) (7/10)
SID
LCDVST1
LCDVCKX
LCDBLK
LCDENB1
LCDENB2
LCDCLR
POS-CON0
POS-CON1
POS-CON2
POS-CON3
INVCNT
DCFBOFF
LCDRGT
LCDRGTX
LCDHCK1
LCDHCK2
LCDFRP
LCDPRG
LCDENB
LCDHST
LCDVST
LCDVCK
LCDPCG
LCDDWN
CLR
OFST_R
OFST_G
OFST_B
VCOM_R
VCOM_G
VCOM_B
SCEN
SID_LV
PRG_LV
VREF_B
VREF_G
VREF_R
RGT
RGTX
HCK1R
HCK1G
HCK1B
HCK2R
HCK2G
HCK2B
FRP
PRG
ENB
HST
VST
VCK
PCG
DWN
SDA_100K
SCL_100K
C (4/10)
(3D GAMMA & TG)
B-SS1734-C-P4

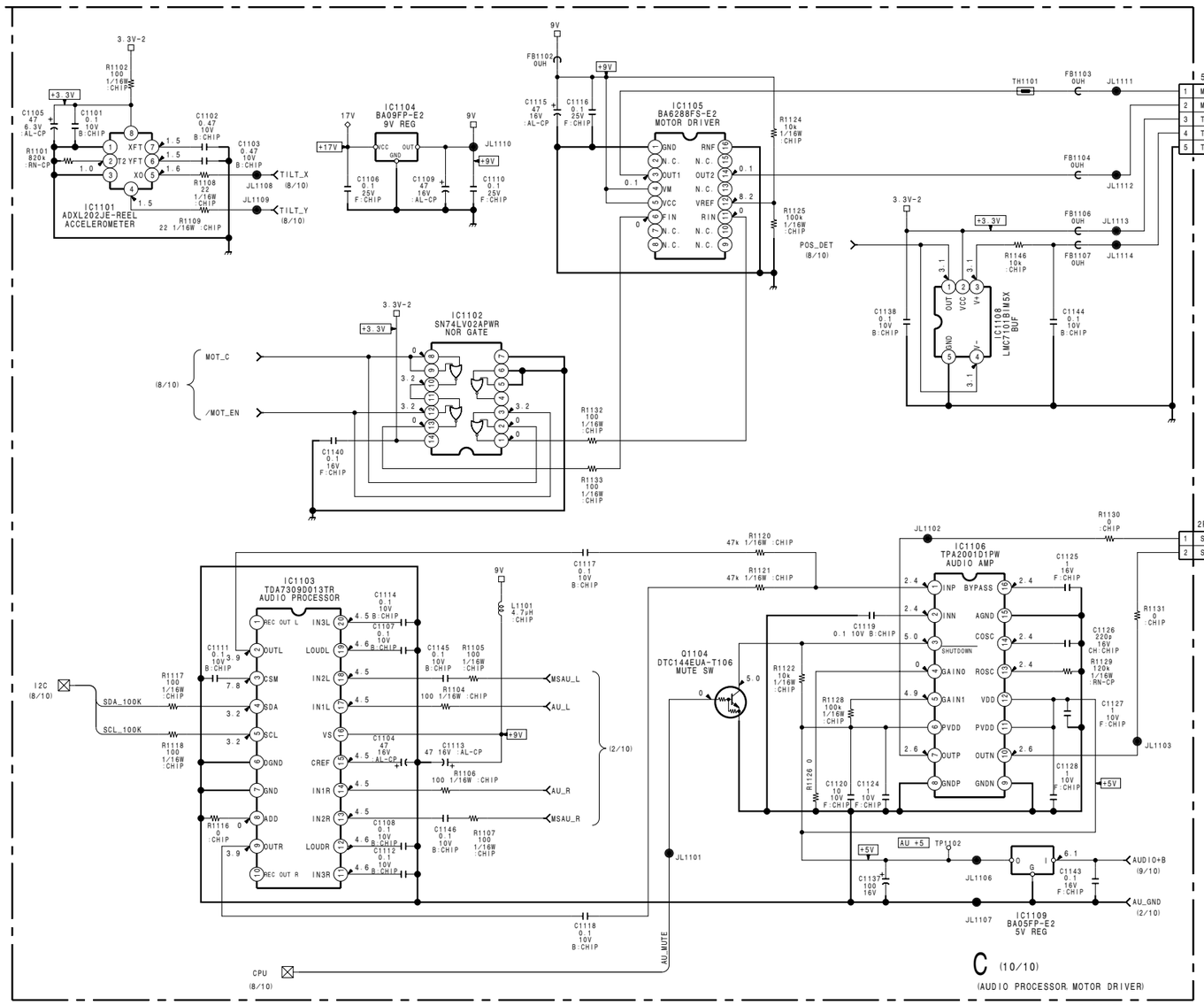

IC501
CXA3562AR-T6
(VPL-CX5 ONLY)
LCD DRIVER
G
IC502
CXA7000R-T6
(VPL-CS5 ONLY)
IC550
TK11900MTL
13.5V REG
IC551
PQ20VZ1U
15.5V REG
Q501
HN1B01FU-TE85R
BUFF
Q502
HN1B01FU-TE85R
BUFF
GREEN
CN501
32P
FPC
(VPL-CX5 ONLY)
GREEN
CN502
24P
FFC
(VPL-CS5 ONLY)
C (5/10)
(LCD DRIVER)
B-SS1734-C-P5

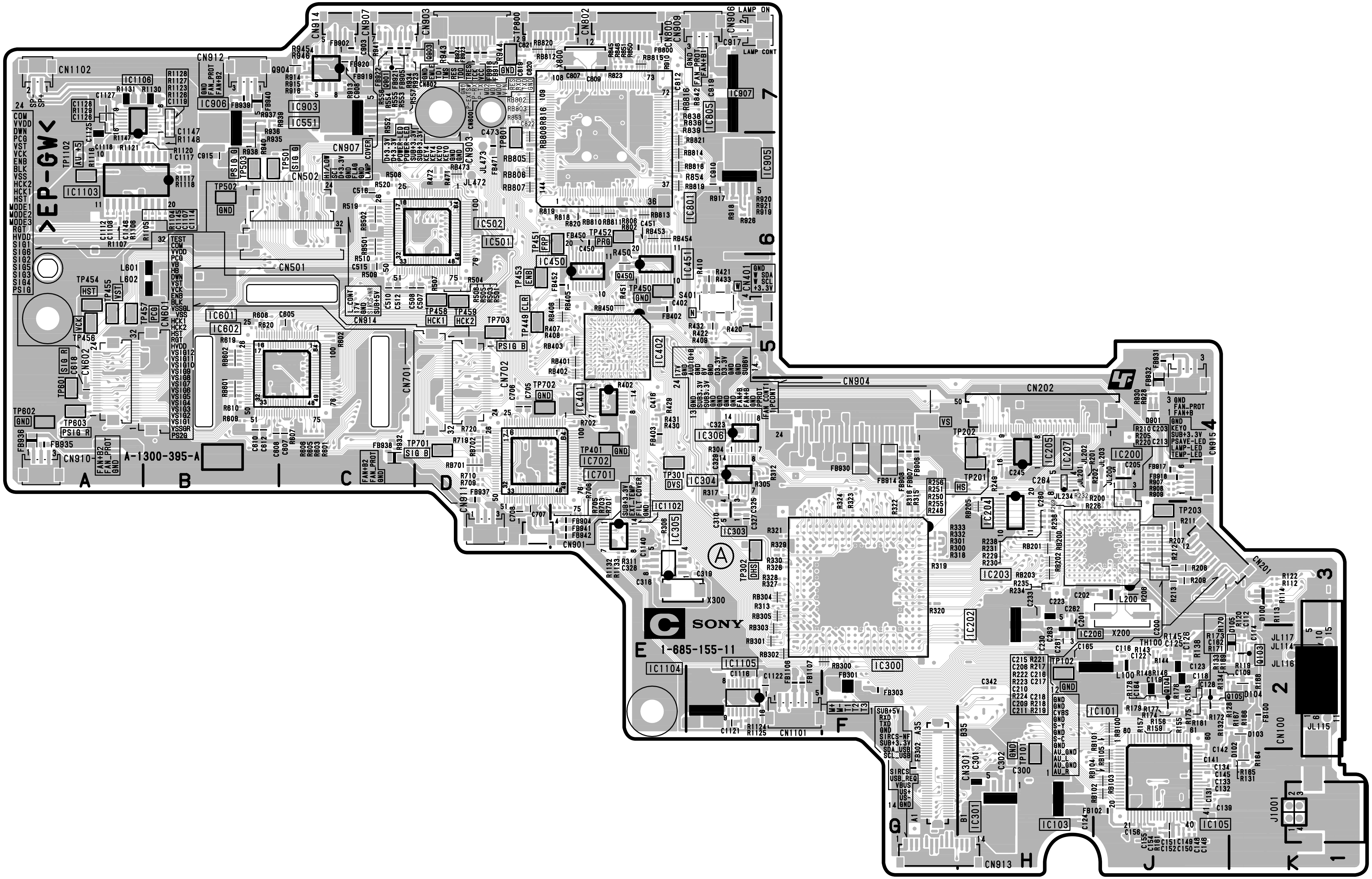

IC601
CXA3562AR-T6
(VPL-CX5 ONLY)
LCD DRIVER
R
IC602
CXA7000R-T6
(VPL-CS5 ONLY)
CN601
32P
FPC
(VPL-CX5 ONLY)
CN602
24P
FFC
(VPL-CS5 ONLY)
Q601
HN1B01FU-TE85R
BUFF
Q602
HN1B01FU-TE85R
BUFF
C (6/10)
(LCD DRIVER)
B-SS1734-C-P6


IC701
CXA3562AR-T6
(VPL-CX5 ONLY)
LCD DRIVER
B
IC702
CXA7000R-T6
(VPL-CS5 ONLY)
CN701
32P
FFC
(VPL-CX5 ONLY)
CN702
24P
FFC
(VPL-CS5 ONLY)
BLUE
Q701
HN1B01FU-TE85R
BUFF
Q702
HN1B01FU-TE85R
BUFF
SID_OUT
VCOM_OUT
DA DAT
(4/10)
MCLK B
(4/10)
(4/10) TG
(4/10) DAC
(5/10) HVDD
C (7/10)
(LCD DRIVER)
B-SS1734-C-P7

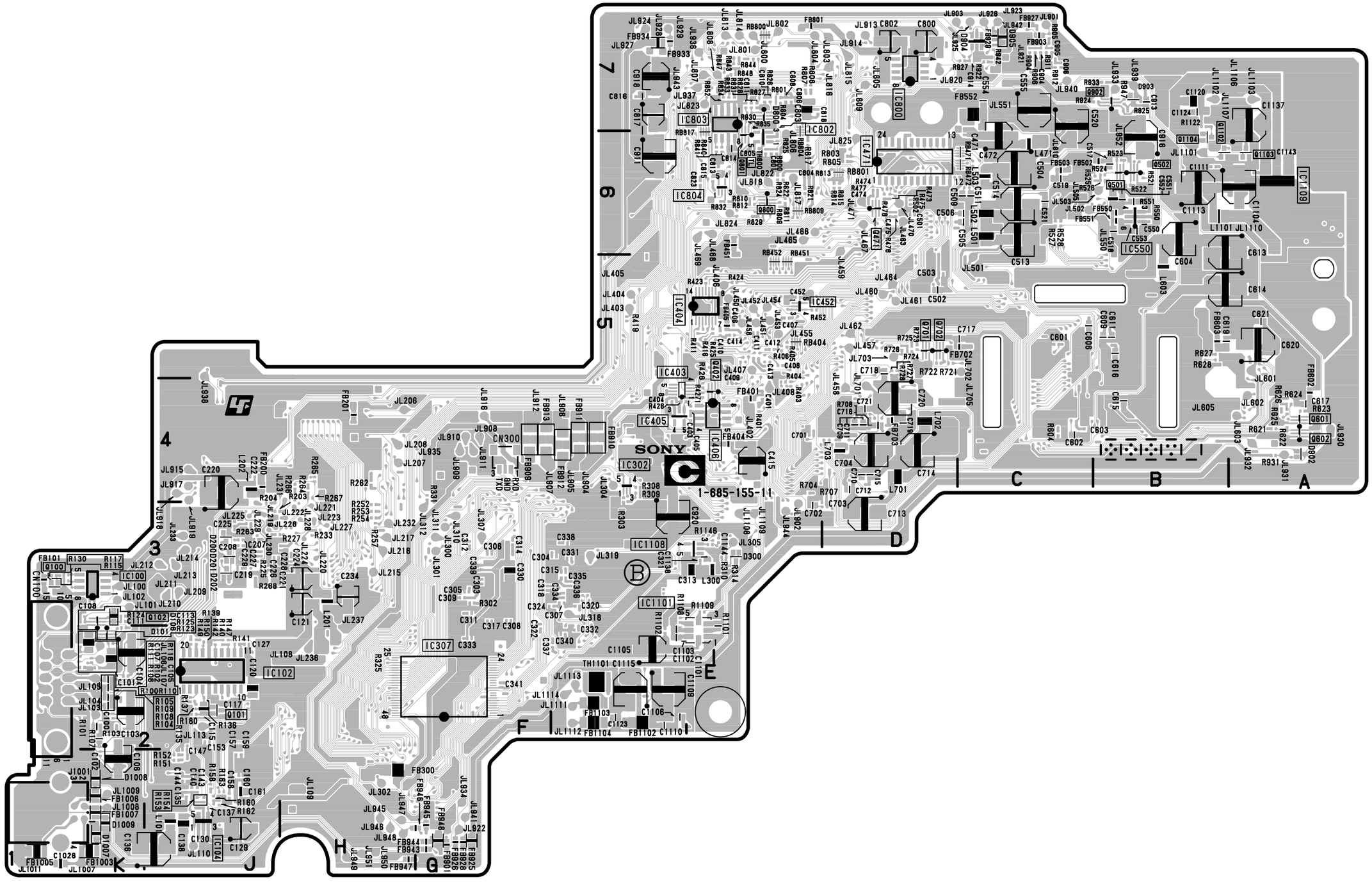

IC800 BA033F-E2 3.3V REG
IC802 S-80928ANMP-DDR-T2 RESET
IC803 M24C64WMN6T (B) EEPROM
Q800 HN1C03FU-TE85R BUS SW
Q801 HN1B01FU-TE85R RES SW
D800 HN1D03FU-TE85R RESET
X800 16.384MHz X'TAL
IC801 HD64F2377VFQ33V MAIN CPU
IC804 TC7SZ125FU (TE85R) SW
CN802 HUDI
CN800 12P WHT SMD
CPU&PWROM
TH800 10K LAMP
LAMP-TEMP
RES
MS_RESET
BRD_STATUS
INTERLACE
PIC_MUTE
PW-OSD_EN
KEY0_MS
KEY0
KEY4
POS_DET (10/10)
FAN_CONT1
FAN_CONT2
EXT_TEMP
FAN_CONT3 (9/10)
TXD_PW
RXD_PW
SCL_USB
SDA_USB
RXD_MS
TXD_MS
MD0
MD1
MD2
P-TX
P-RX
P-EXTSW
VSO (3/10)
I2C
SCL_400K
SDA_400K
SCL_100K
SDA_100K
SCL_E
SDA_E
LAMP_COVER
FILT_COVER
POWER_PROT
FAN_PROT
MENU_STATUS
POWER_ON
LAMP_ON
TG_RESET (4/10)
TO_TG
USB_REQ
V_POL
H_POL
VSI
HSI
MS_EN (2/10)
SIRCS
TILT_Y
TILT_X
POWER_LED
TEMP_LED
LAMP_LED
PSAVE_LED
LAMP_POWER
AU MUTE
LAMP_PROT
DEC_EN (2/10)
SW1 (2/10)
MS_SW (2/10)
PWFMBSY (3/10)
MOT_EN (10/10)
MOT_C (10/10)
CPU (9/10) (10/10)
MS-USB (1/10) (2/10) (9/10)
C (8/10) (MAIN CPU)
B-SS1734-C-P8


CN901 4P WHT :SMD
TO V BOARD CN70
SUB+3.3V
EXT_TEMP
FILT COVER
GND
CN903 12P FPC
TO H1 BOARD CN1501
D+3.V
POWER-LED
SUB+3.3V
KEY4
KEY0
GND
CN915 6P WHT :SMD
TO H2 BOARD CN1551
TEMP-LED
LAMP-LED
PSAVE-LED
CN913 14P WHT :SMD
TO MSC BOARD CN1303
SUB+5V
RXD
TXD
SIRCS-NF
SUB+3.3V
SDA_USB
SCL_USB
SIRCS
USB_REQ
VBUS
US+
US-
CN914 5P :SMD
TO NR BOARD CN50
TO L BOARD CN1201
SIRCS-NR
17V
L CONT
CN904 24P FPC :SMD
TO GB BOARD CN3301
PCONT
FAN CONT1
PPROT
FAN+B
SUB3.3V
D3.3V
6V
AU_GND
AUDIO+B
(8/10) CPU
EXT_TEMP
FILT_COVER
LAMP_COVER
LAMP_PROT
POWER_LED
LAMP_ON
KEY4
KEY0
LAMP-POWER
TEMP_LED
LAMP_LED
PSAVE_LED
RXD
TXD
FAN_PROT
FAN_CONT2
SIRCS
POWER_ON
FAN_CONT1
POWER_PROT
FAN_CONT3 (8/10)
(1/10) (8/10) MS-USB
SDA_USB
SCL_USB
SIRCS
USB_REQ
VBUS
US+
US-
(10/10) AUDIO+B
IC903 IRMF-AOT-DTP SIRCS I/F
IC905 PQ20VZ1U REG
IC906 PQ20VZ1U REG
IC907 BA05FP-E2 5V REG
IC805 BA05FP-E2 5V REG
Q904 2SC4081T106R LED SW
Q903 2SA1576A-T106-QR LAMP SW
Q901 HN1C01FU-TE85R FAILSAFE&INVBUFF
Q902 HN1C01FU-TE85R FAILSAFE&INVBUFF
D904 BZA456A PROTECT
D905 UDZSTE-173.9B
D901 DAN202UT106
D902 DAN202UT106
D903 DAN202UT106
CN906 2P RED :SMD
LAMP CONT
LAMP ON
CN907 7P WHT :SMD
TO U BOARD CN60
LAMP COVER
GND
FLAG
D+3.3V
SCT
H1/LOW
TO BALLAST
CN908 3P WHT-L :SMD
CN909 3P WHT-L :SMD
CN910 3P WHT-L :SMD
CN911 3P WHT-L :SMD
CN912 3P WHT-L :SMD
FAN+B1
FAN+B2
FAN_PROT
FAN+B3
FAN +B
C (9/10)
(SIRCS I/F)
B-SS1734-C-P9


IC1101
ADXL202JE-REEL
ACCELEROMETER
IC1102
SN74LV02APWR
NOR GATE
IC1103
TDA7309D013TR
AUDIO PROCESSOR
IC1104
BA09FP-E2
9V REG
IC1105
BA6288FS-E2
MOTOR DRIVER
IC1106
TPA2001D1PW
AUDIO AMP
IC1108
LMC7101BIM5X
BUF
IC1109
BA05FP-E2
5V REG
Q1104
DTC144EUA-T106
MUTE SW
CN1101
5P WHT :SMD
CN1102
2P WHT :SMD
MOT_C
/MOT_EN
(8/10)
I2C
(8/10)
SDA_100K
SCL_100K
CPU
(8/10)
TILT_X
(8/10)
TILT_Y
(8/10)
POS_DET
(8/10)
MSAU_L
AU_L
AU_R
MSAU_R
(2/10)
AUDIO+B
(9/10)
AU_GND
(2/10)
AU_MUTE
C (10/10)
(AUDIO PROCESSOR, MOTOR DRIVER)
B-SS1734-C-P10



C -A SIDE-
SUFFIX: -11



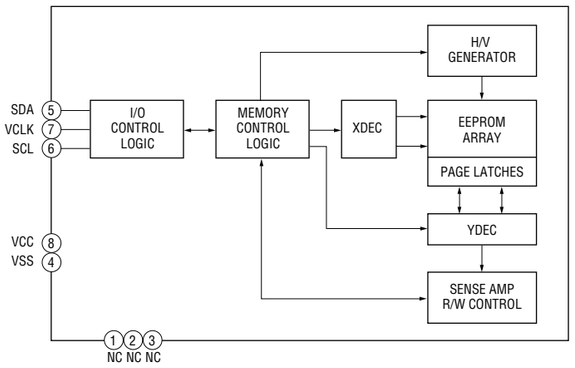
C -B SIDE-
SUFFIX: -11

C BOARD

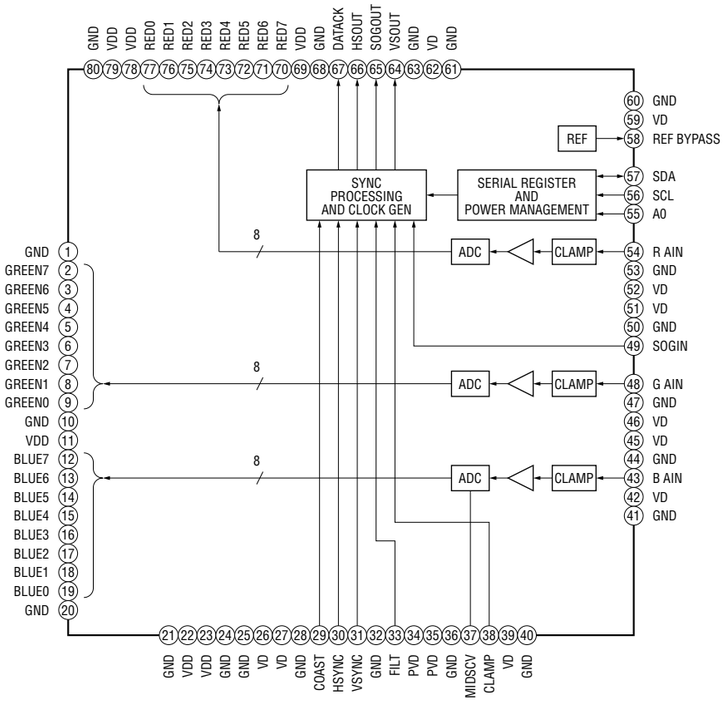
*:B SIDE

D100	K-3	Q100	* K-3
D101	* K-3	Q101	* J-2
D102	K-1	Q102	* K-3
D103	K-2	Q103	K-2
D104	K-2	Q104	J-2
D105	K-2	Q105	K-2
D106	* J-3	Q402	* E-5
D200	* J-3	Q450	E-5
D201	* J-3	Q471	* D-6
D202	* J-3	Q501	* B-6
D300	* E-3	Q502	* B-6
D800	* E-7	Q601	* A-4
D901	J-4	Q602	* A-4
D902	* A-4	Q701	* D-5
D903	* B-7	Q702	* D-5
D904	* C-7	Q800	* E-6
D905	* C-7	Q801	* E-6
D1007	* K-1	Q901	C-7
D1008	* K-1	Q902	* B-7
D1009	* K-1	Q903	D-7
		Q904	C-7
IC100	* K-3	Q1102	* B-6
IC101	J-2	Q1103	* A-6
IC102	* J-2	Q1104	* B-6
IC103	H-1		
IC104	* J-1	TP101	H-1
IC105	J-1	TP102	H-2
IC200	J-4	TP201	F-4
IC202	H-3	TP202	F-4
IC203	H-3	TP203	J-3
IC204	H-3	TP301	E-4
IC205	H-4	TP302	F-3
IC206	H-2	TP401	E-4
IC207	H-4	TP449	D-5
IC300	G-2	TP450	E-5
IC301	H-1	TP451	E-6
IC302	* F-4	TP452	E-6
IC303	F-3	TP453	D-6
IC304	F-4	TP454	A-5
IC305	E-3	TP455	A-5
IC306	F-4	TP456	A-5
IC307	* G-2	TP457	A-5
IC401	E-4	TP458	D-5
IC402	E-5	TP459	D-5
IC403	* F-4	TP501	B-6
IC404	* E-5	TP502	B-6
IC405	* F-5	TP503	B-6
IC406	* E-4	TP601	A-4
IC450	E-5	TP602	A-4
IC451	E-5	TP603	A-4
IC452	* E-5	TP701	D-4
IC471	* D-6	TP702	D-4
IC501	D-6	TP703	D-5
IC502	D-6	TP800	D-7
IC550	* B-6	TP801	D-6
IC551	C-7	TP1102	A-6
IC601	B-5		
IC602	B-5		
IC701	E-4		
IC702	E-4		
IC800	* D-7		
IC801	F-6		
IC802	* E-7		
IC803	* E-7		
IC804	* E-6		
IC805	F-7		
IC903	C-7		
IC905	F-6		
IC906	B-7		
IC907	F-7		
IC1101	* F-3		
IC1102	E-3		
IC1103	A-6		
IC1104	E-2		
IC1105	F-2		
IC1106	A-7		
IC1108	* F-3		
IC1109	* A-6		

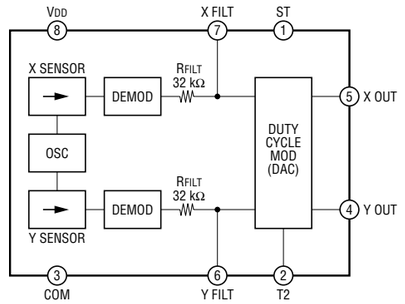
C (1/10) 24LC21AT/SN (IC100)



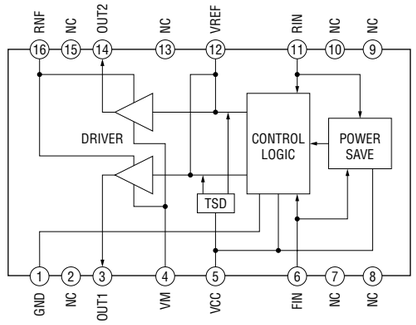
C (1/10) AD9883AKST-140 (IC105)
AD9883AKST-110 (IC105)



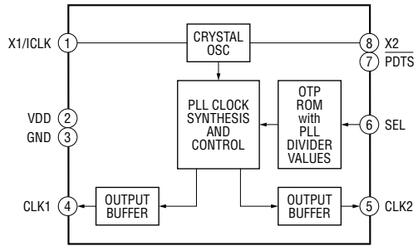
C (10/10) ADXL202JE-REEL (IC1101)



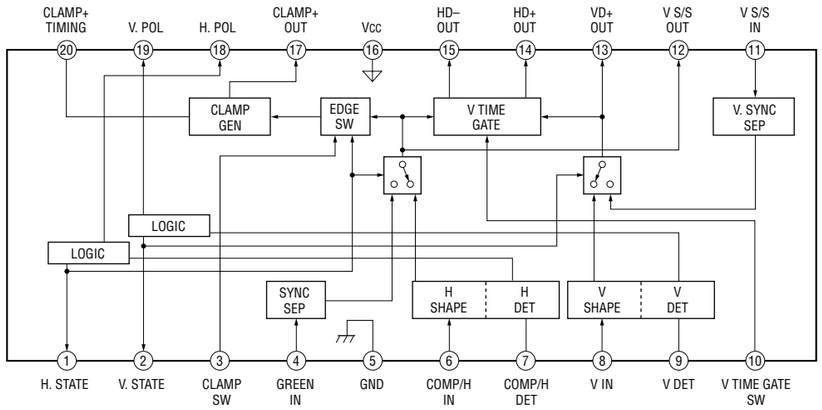
C (10/10) BA6288FS-E2 (IC1105)



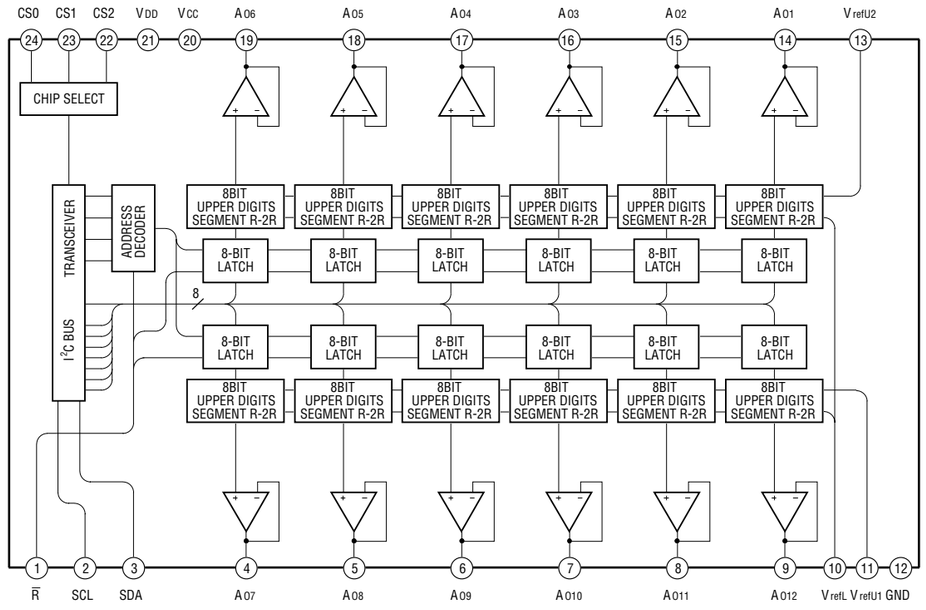
C (3/10) ICS332-SX1735 (IC305)
ICS332-SX1734 (IC305)



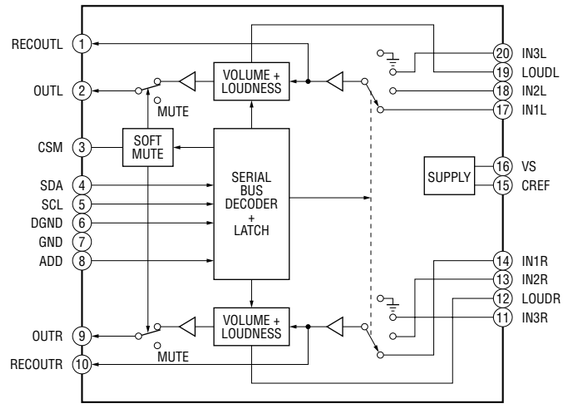
C (1/10) M52347FP-TE (IC102)



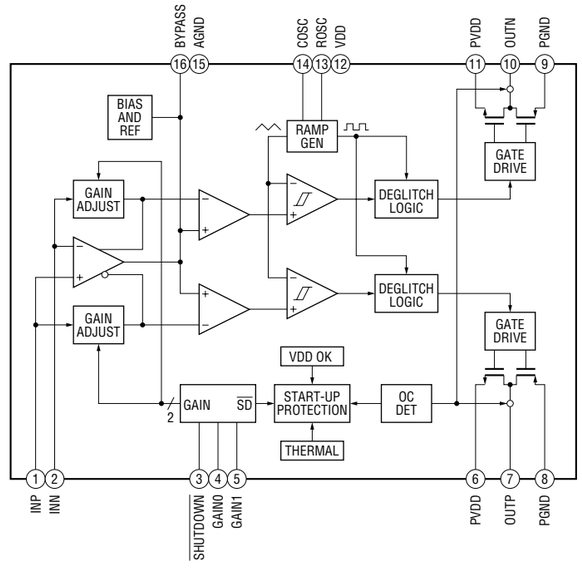
C (4/10) M62392FP (IC471)

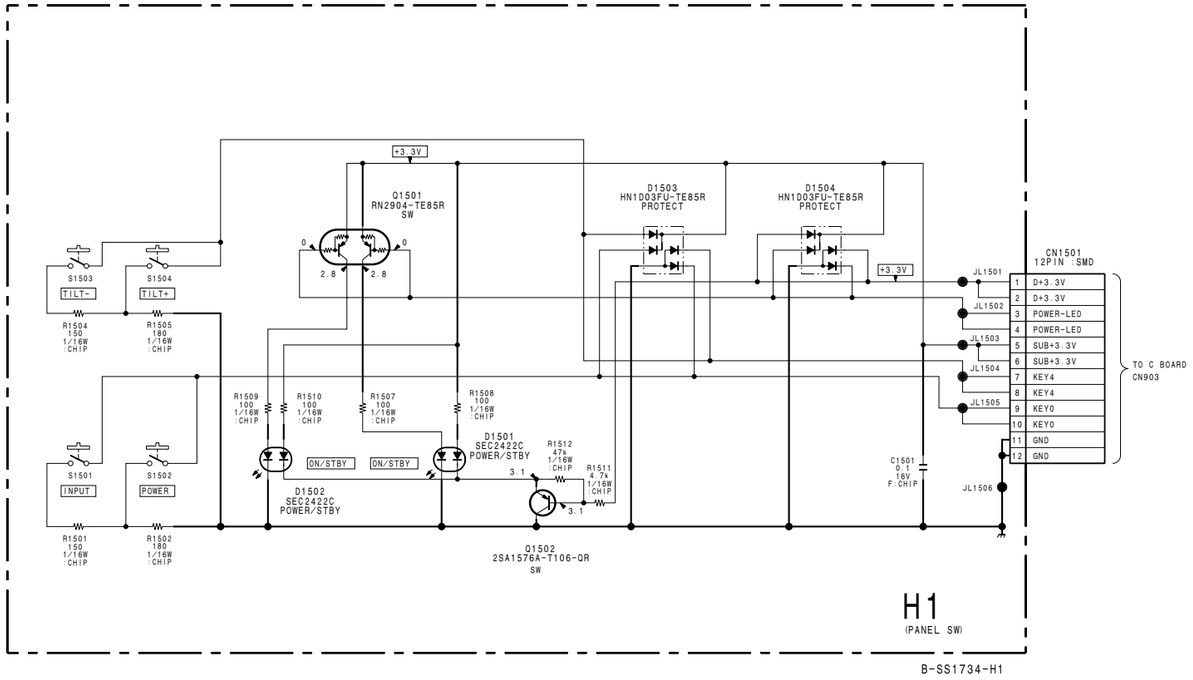


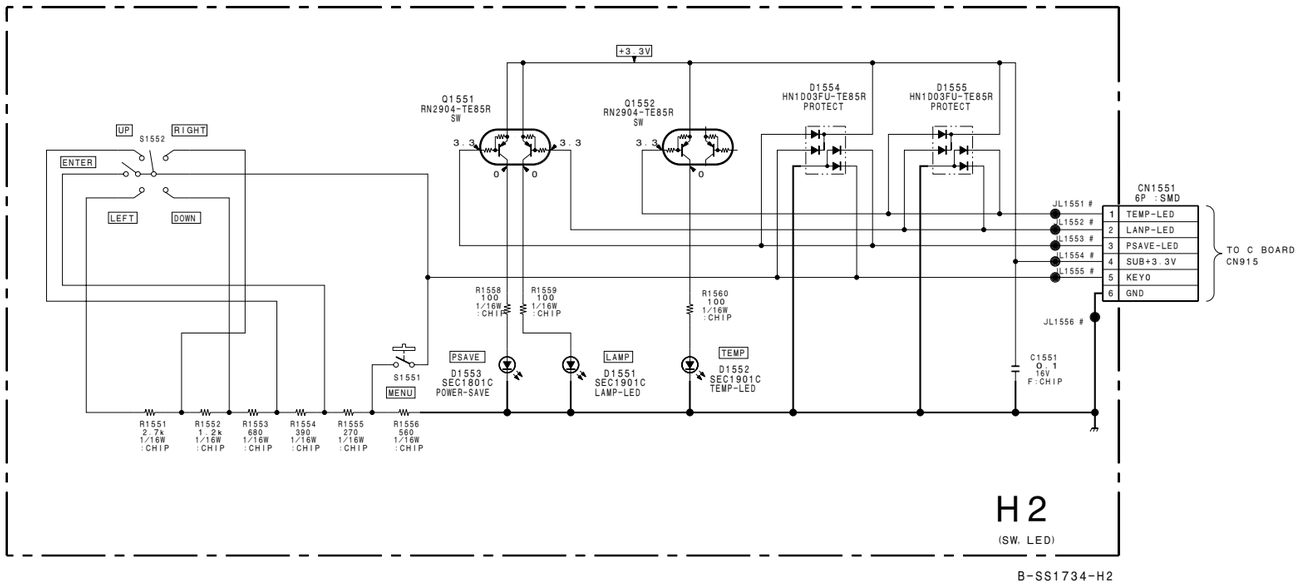
C (10/10) TDA7309D013TR (IC1103)

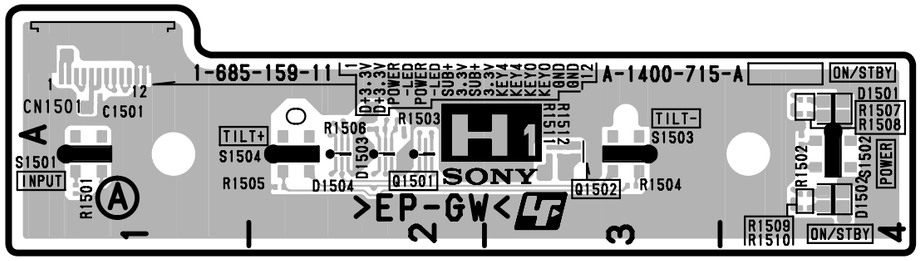


C (10/10) TPA2001D1PW (IC1106)

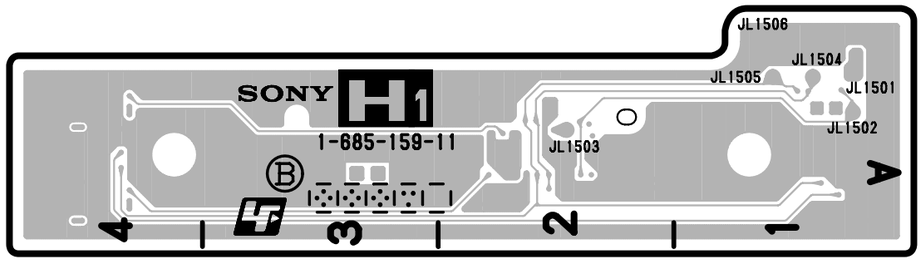



+3.3V
Q1501
RN2904-TE85R
SW
D1503
HN1D03FU-TE85R
PROTECT
D1504
HN1D03FU-TE85R
PROTECT
CN1501
12PIN :SMD
S1503
TILT-
S1504
TILT+
R1504 150 1/16W :CHIP
R1505 180 1/16W :CHIP
R1509 100 1/16W :CHIP
R1510 100 1/16W :CHIP
R1507 100 1/16W :CHIP
R1508 100 1/16W :CHIP
D1501
SEC2422C
POWER/STBY
ON/STBY
R1512 47k 1/16W :CHIP
R1511 4.7k 1/16W :CHIP
S1501
INPUT
S1502
POWER
D1502
SEC2422C
POWER/STBY
R1501 150 1/16W :CHIP
R1502 180 1/16W :CHIP
Q1502
2SA1576A-T106-QR
SW
C1501 0.1 16V F :CHIP
JL1501
JL1502
JL1503
JL1504
JL1505
JL1506
1 D+3.3V
2 D+3.3V
3 POWER-LED
4 POWER-LED
5 SUB+3.3V
6 SUB+3.3V
7 KEY4
8 KEY4
9 KEY0
10 KEY0
11 GND
12 GND
TO C BOARD
CN903
H1
(PANEL SW)
B-SS1734-H1

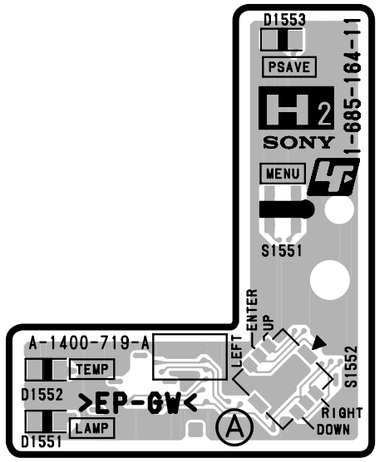

+3.3V
Q1551
RN2904-TE85R
SW
Q1552
RN2904-TE85R
SW
D1554
HN1D03FU-TE85R
PROTECT
D1555
HN1D03FU-TE85R
PROTECT
UP
RIGHT
ENTER
LEFT
DOWN
S1552
S1551
MENU
R1558 100 1/16W :CHIP
R1559 100 1/16W :CHIP
R1560 100 1/16W :CHIP
PSAVE
D1553
SEC1901C
POWER-SAVE
LAMP
D1551
SEC1901C
LAMP-LED
TEMP
D1552
SEC1901C
TEMP-LED
R1551 2.7k 1/16W :CHIP
R1552 1.2k 1/16W :CHIP
R1553 680 1/16W :CHIP
R1554 390 1/16W :CHIP
R1555 270 1/16W :CHIP
R1556 560 1/16W :CHIP
C1551 0.1 16V F :CHIP
CN1551
6P :SMD
JL1551 #
JL1552 #
JL1553 #
JL1554 #
JL1555 #
JL1556 #
1 TEMP-LED
2 LANP-LED
3 PSAVE-LED
4 SUB+3.3V
5 KEY0
6 GND
TO C BOARD
CN915
H2
(SW, LED)
B-SS1734-H2



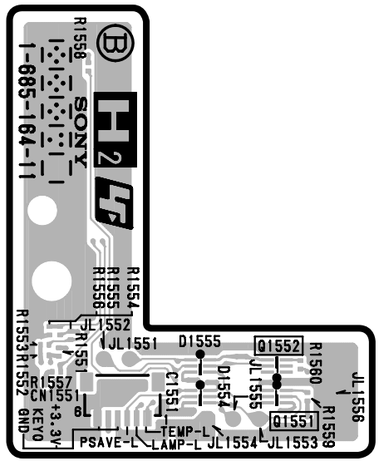
H1 -A SIDE-
SUFFIX: -11



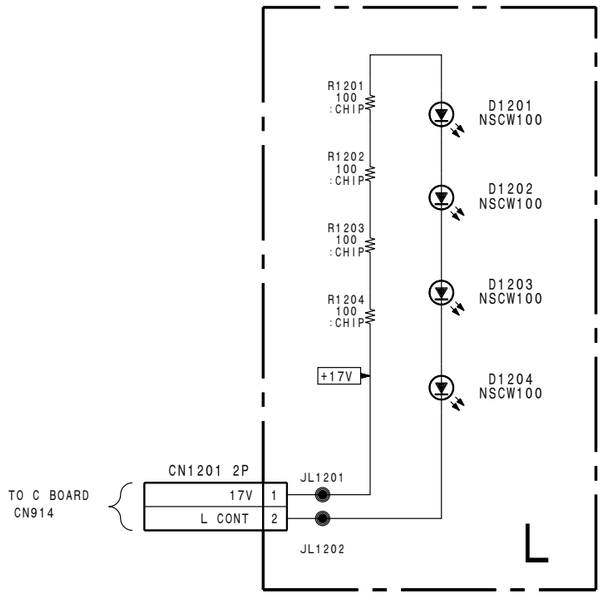
H1 -B SIDE-
SUFFIX: -11



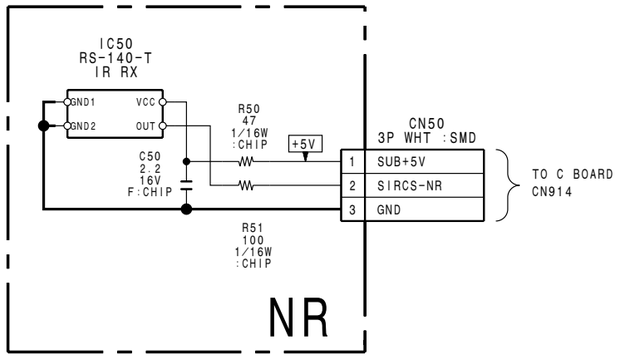
H2 -A SIDE-
SUFFIX: -11



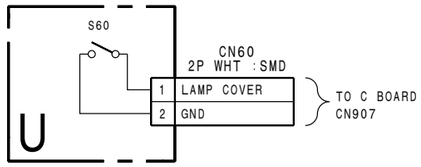
H2 -B SIDE-
SUFFIX: -11



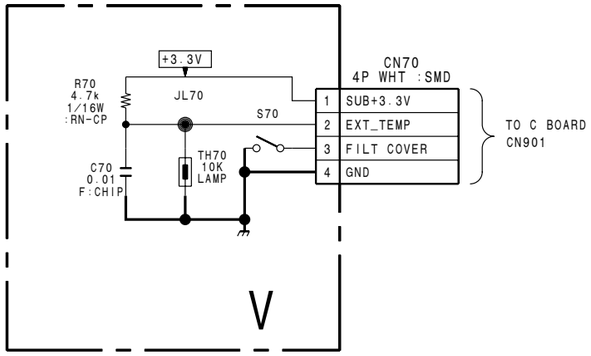
B-SS1734-L



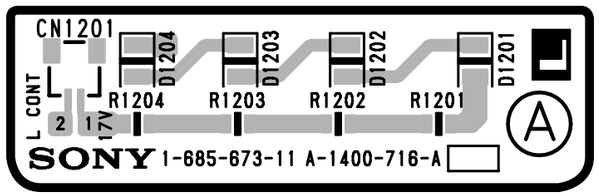
B-SS1734-NR



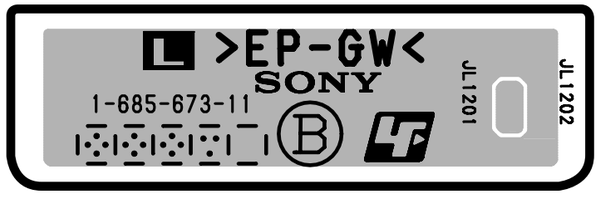
B-SS1734-U



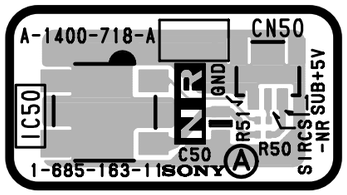
B-SS1734-V



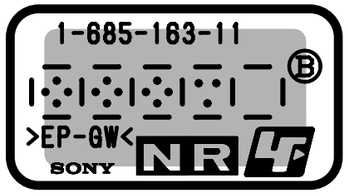
L -A SIDE-
SUFFIX: -11



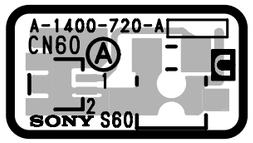
L -B SIDE-
SUFFIX: -11



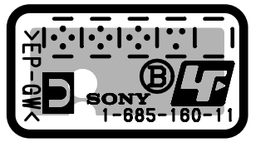
NR -A SIDE-
SUFFIX: -11



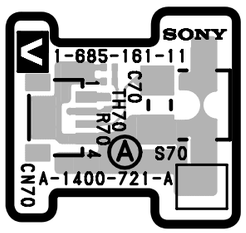
NR -B SIDE-
SUFFIX: -11



U -A SIDE-
SUFFIX: -11

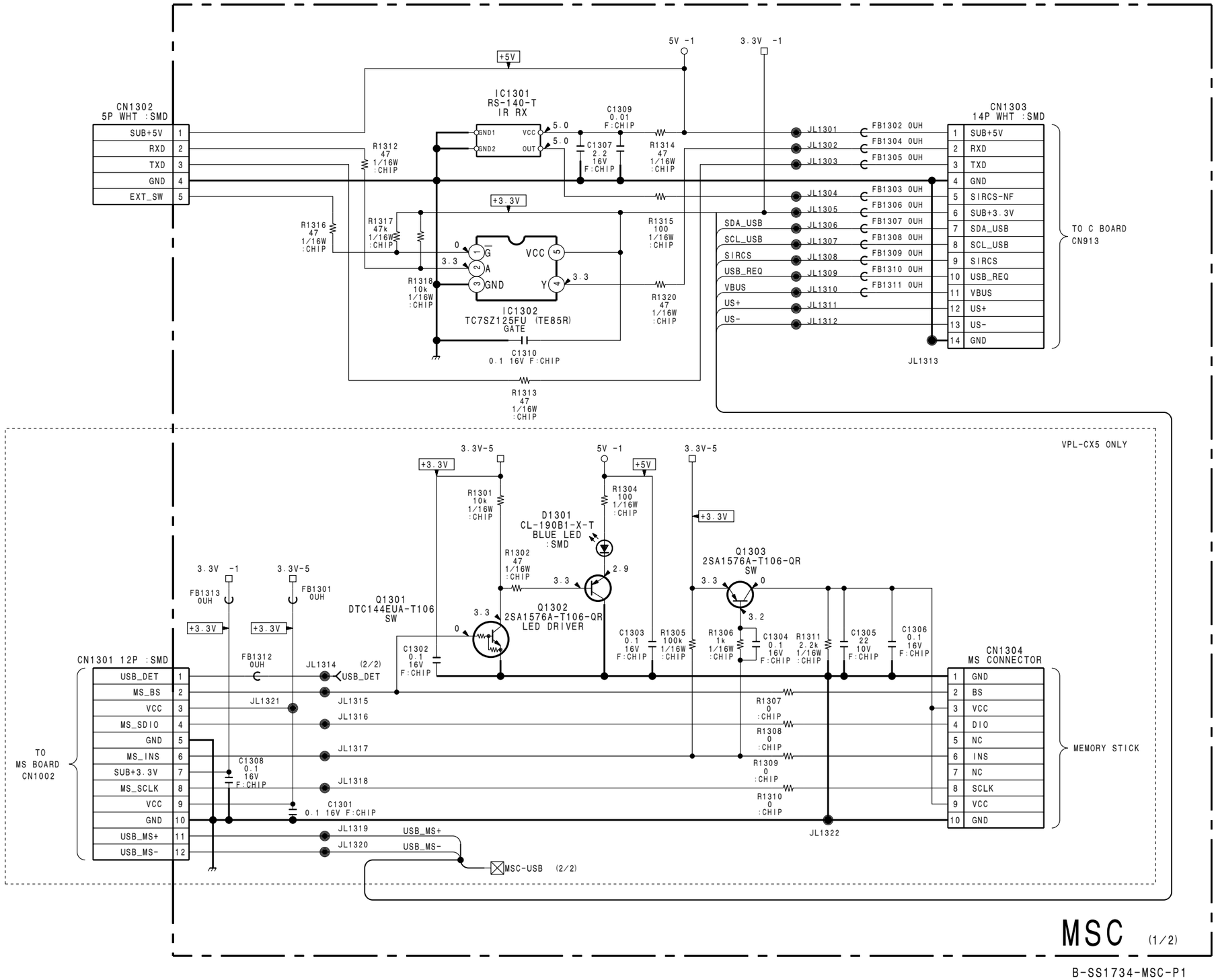


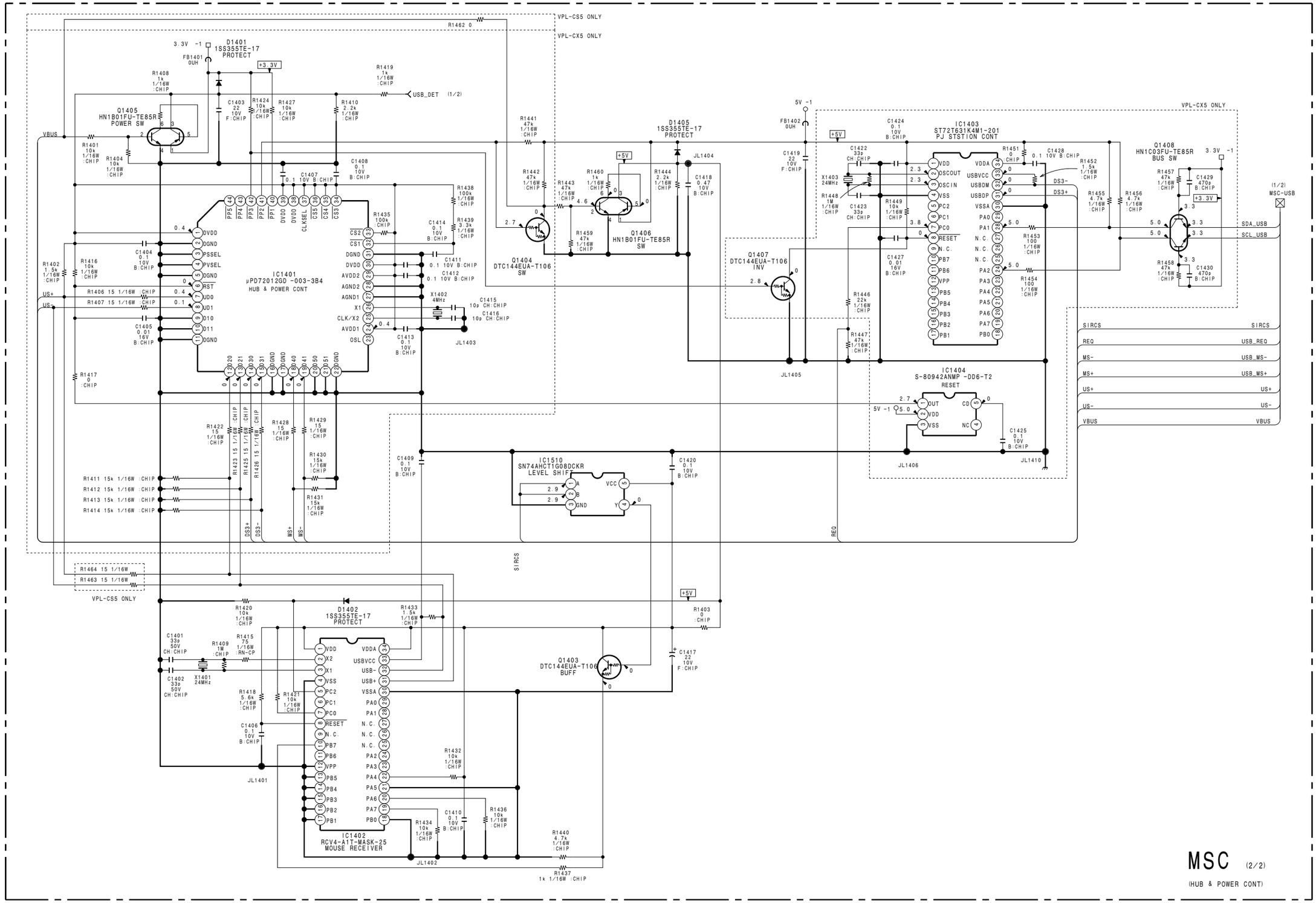
U -B SIDE-
SUFFIX: -11

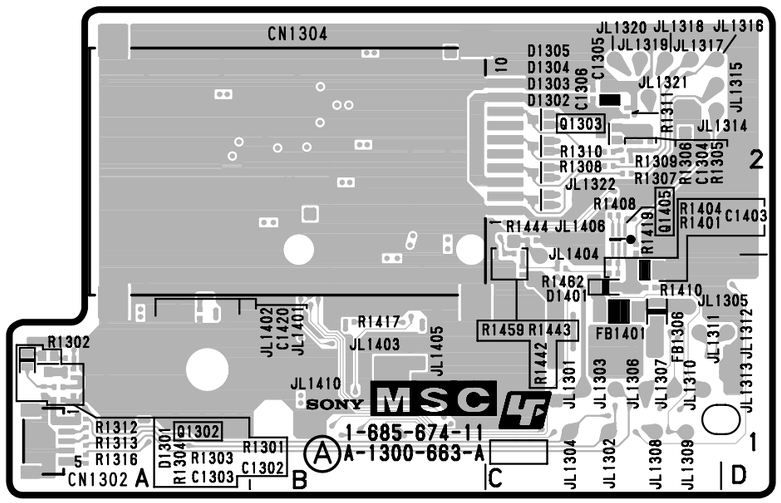


V -A SIDE-
SUFFIX: -11

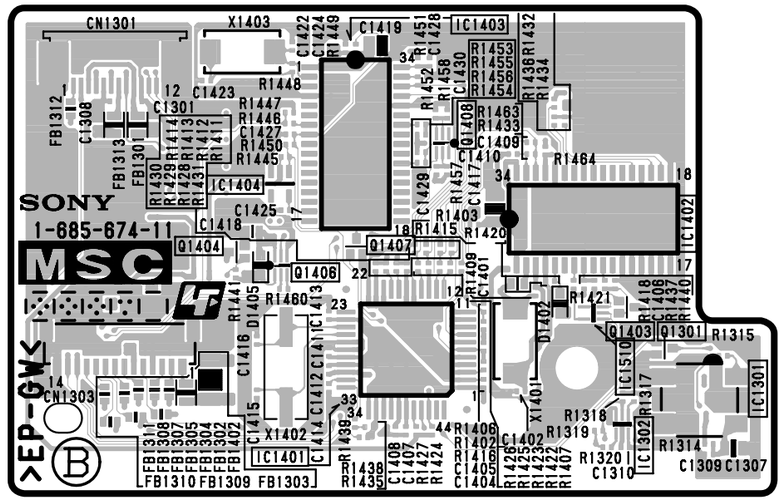
V -B SIDE-
SUFFIX: -11


CN1302
5P WHT :SMD
SUB+5V 1
RXD 2
TXD 3
GND 4
EXT_SW 5
IC1301
RS-140-T
IR RX
GND1
GND2
VCC
OUT
5.0
C1309
0.01
F:CHIP
C1307
2.2
16V
F:CHIP
R1312
47
1/16W
:CHIP
R1314
47
1/16W
:CHIP
+5V
5V -1
3.3V -1
+3.3V
R1316
47
1/16W
:CHIP
R1317
47k
1/16W
:CHIP
R1318
10k
1/16W
:CHIP
R1315
100
1/16W
:CHIP
R1320
47
1/16W
:CHIP
IC1302
TC7SZ125FU (TE85R)
GATE
G
A
GND
VCC
Y
C1310
0.1 16V F:CHIP
R1313
47
1/16W
:CHIP
JL1301
JL1302
JL1303
JL1304
JL1305
JL1306
JL1307
JL1308
JL1309
JL1310
JL1311
JL1312
FB1302 0UH
FB1304 0UH
FB1305 0UH
FB1303 0UH
FB1306 0UH
FB1307 0UH
FB1308 0UH
FB1309 0UH
FB1310 0UH
FB1311 0UH
SDA_USB
SCL_USB
SIRCS
USB_REQ
VBUS
US+
US-
JL1313
CN1303
14P WHT :SMD
1 SUB+5V
2 RXD
3 TXD
4 GND
5 SIRCS-NF
6 SUB+3.3V
7 SDA_USB
8 SCL_USB
9 SIRCS
10 USB_REQ
11 VBUS
12 US+
13 US-
14 GND
TO C BOARD
CN913
VPL-CX5 ONLY
3.3V-5
5V -1
3.3V-5
+3.3V
+5V
+3.3V
R1301
10k
1/16W
:CHIP
D1301
CL-190B1-X-T
BLUE LED
:SMD
R1304
100
1/16W
:CHIP
R1302
47
1/16W
:CHIP
Q1303
2SA1576A-T106-QR
SW
Q1301
DTC144EUA-T106
SW
Q1302
2SA1576A-T106-QR
LED DRIVER
3.3V -1
3.3V-5
FB1313
0UH
FB1301
0UH
+3.3V
+3.3V
FB1312
0UH
JL1314
(2/2)
USB_DET
C1302
0.1
16V
F:CHIP
C1303
0.1
16V
F:CHIP
R1305
100k
1/16W
:CHIP
R1306
1k
1/16W
:CHIP
C1304
0.1
16V
F:CHIP
R1311
2.2k
1/16W
:CHIP
C1305
22
10V
F:CHIP
C1306
0.1
16V
F:CHIP
CN1304
MS CONNECTOR
1 GND
2 BS
3 VCC
4 DIO
5 NC
6 INS
7 NC
8 SCLK
9 VCC
10 GND
CN1301 12P :SMD
USB_DET 1
MS_BS 2
VCC 3
MS_SDIO 4
GND 5
MS_INS 6
SUB+3.3V 7
MS_SCLK 8
VCC 9
GND 10
USB_MS+ 11
USB_MS- 12
TO
MS BOARD
CN1002
JL1321
JL1315
JL1316
JL1317
JL1318
JL1319
JL1320
C1308
0.1
16V
F:CHIP
C1301
0.1 16V F:CHIP
R1307
0
:CHIP
R1308
0
:CHIP
R1309
0
:CHIP
R1310
0
:CHIP
JL1322
USB_MS+
USB_MS-
MSC-USB (2/2)
MEMORY STICK
MSC (1/2)
B-SS1734-MSC-P1


VPL-CS5 ONLY
VPL-CX5 ONLY
D1401 1SS355TE-17 PROTECT
Q1405 HN1B01FU-TE85R POWER SW
IC1401 μPD72012GD -003-3B4 HUB & POWER CONT
Q1404 DTC144EUA-T106 SW
Q1406 HN1B01FU-TE85R SW
D1405 1SS355TE-17 PROTECT
Q1407 DTC144EUA-T106 INV
IC1403 ST72T631K4M1-201 PJ STSTION CONT
Q1408 HN1C03FU-TE85R BUS SW
IC1404 S-80942ANMP -DD6-T2 RESET
IC1510 SN74AHCT1G08DCKR LEVEL SHIFT
D1402 1SS355TE-17 PROTECT
Q1403 DTC144EUA-T106 BUFF
IC1402 RCV4-A1T-MASK-25 MOUSE RECEIVER
USB_DET (1/2)
MSC-USB (1/2)
SDA_USB
SCL_USB
SIRCS
REQ
USB_REQ
MS-
USB_MS-
MS+
USB_MS+
US+
US-
VBUS
DS3-
DS3+
MSC (2/2)
(HUB & POWER CONT)
B-SS1734-MSC-P2



MSC -A SIDE-
SUFFIX: -11

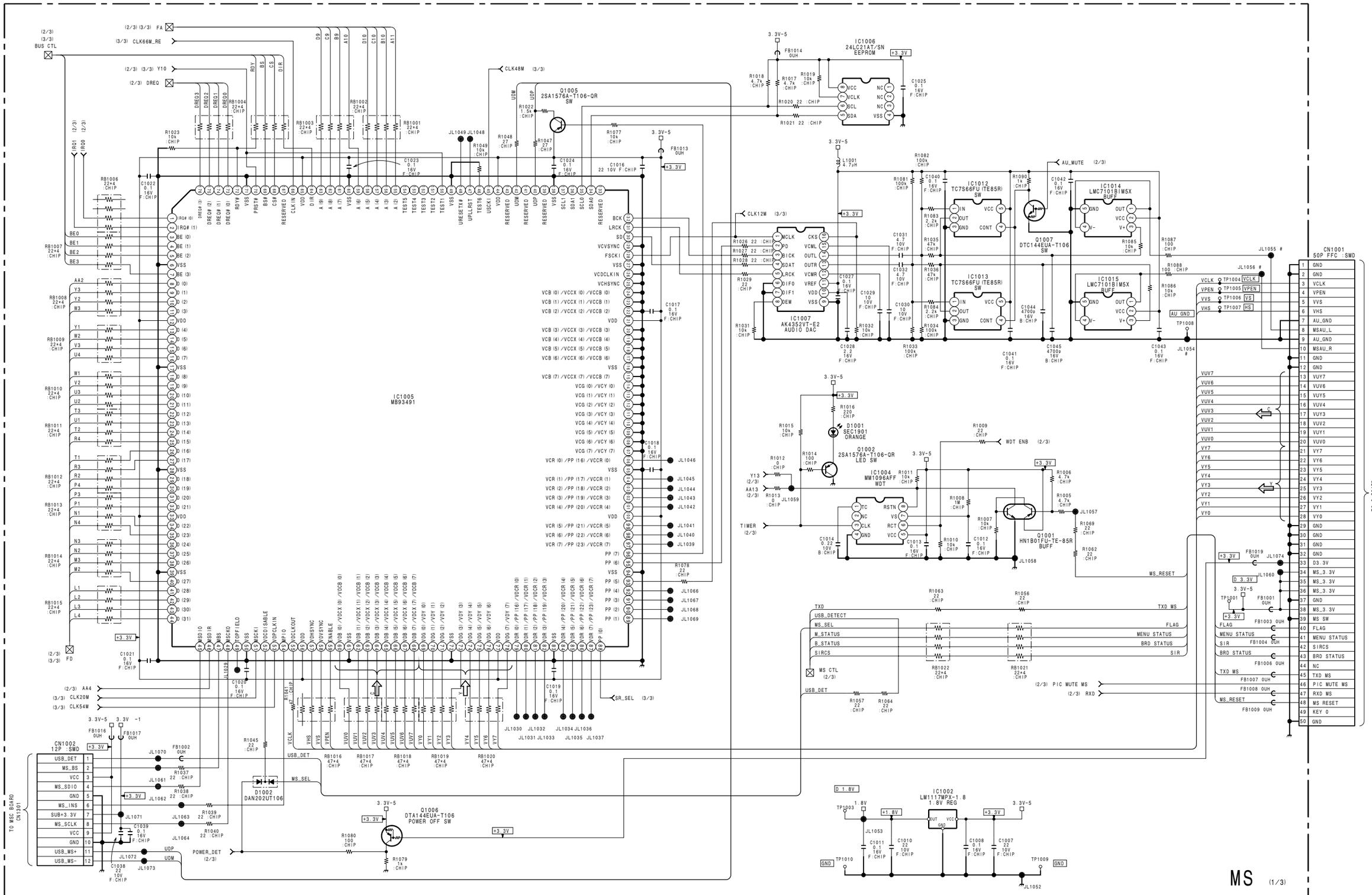


MSC -B SIDE-
SUFFIX: -11

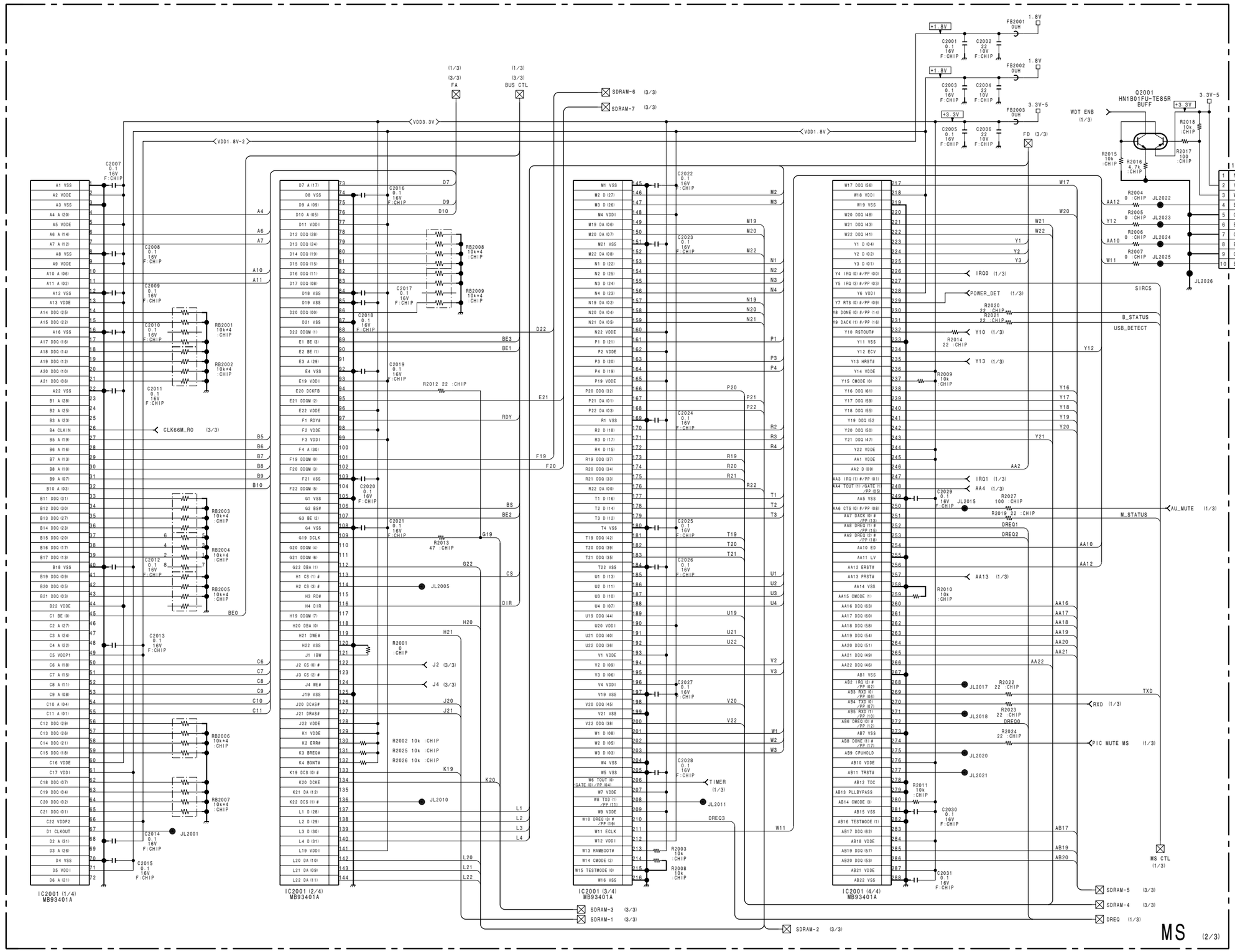
MSC BOARD

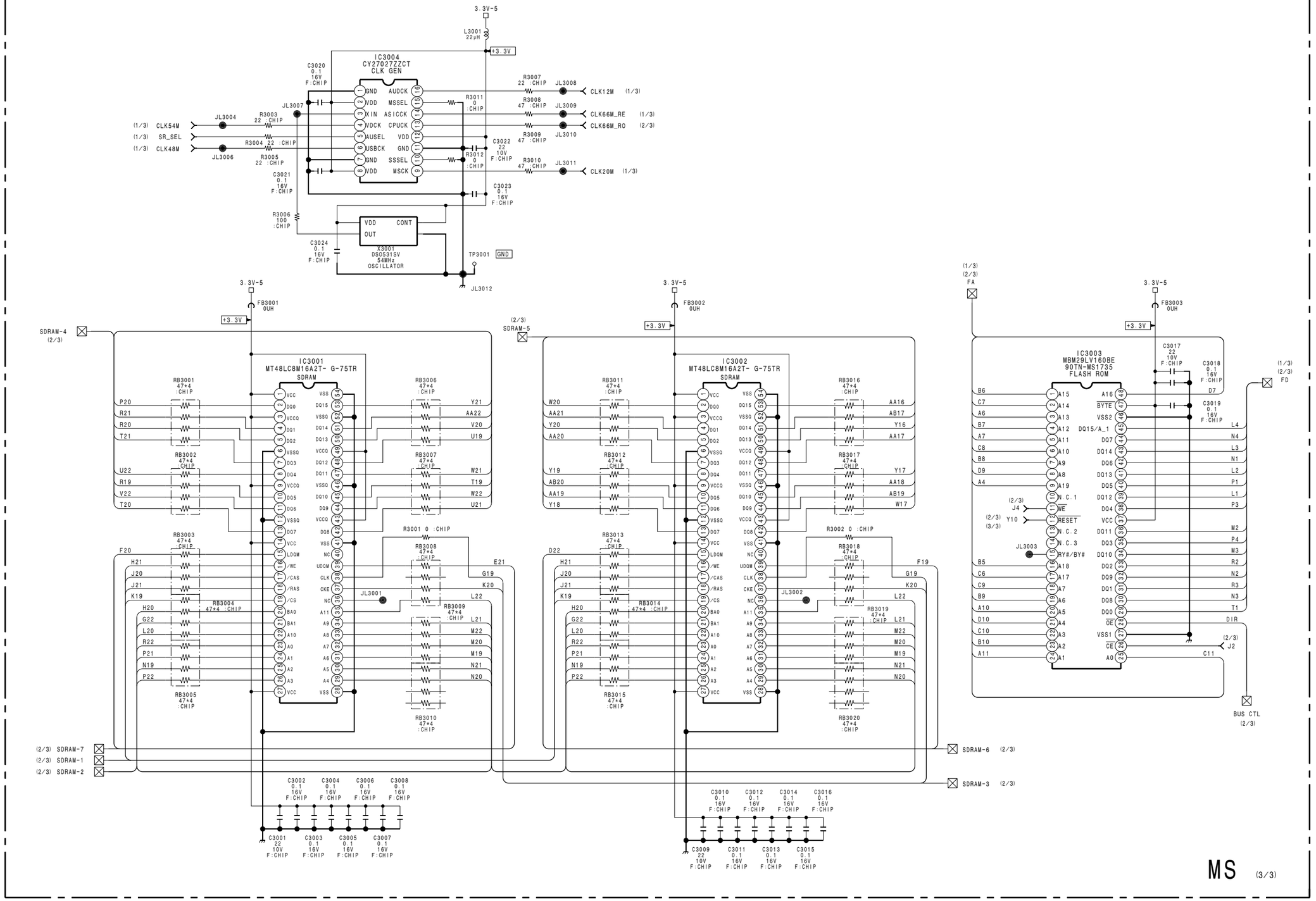
*:B SIDE

D1301		A-1
D1302		C-2
D1303		C-2
D1304		C-2
D1305		C-2
D1401		C-1
D1402	*	A-1
D1405	*	C-1
IC1301	*	A-1
IC1302	*	A-1
IC1401	*	B-1
IC1402	*	A-2
IC1403	*	B-2
IC1404	*	C-2
IC1510	*	A-1
Q1301	*	A-1
Q1302		A-1
Q1303		C-2
Q1403	*	A-1
Q1404	*	C-2
Q1405		C-2
Q1406	*	C-1
Q1407	*	B-2
Q1408	*	B-2

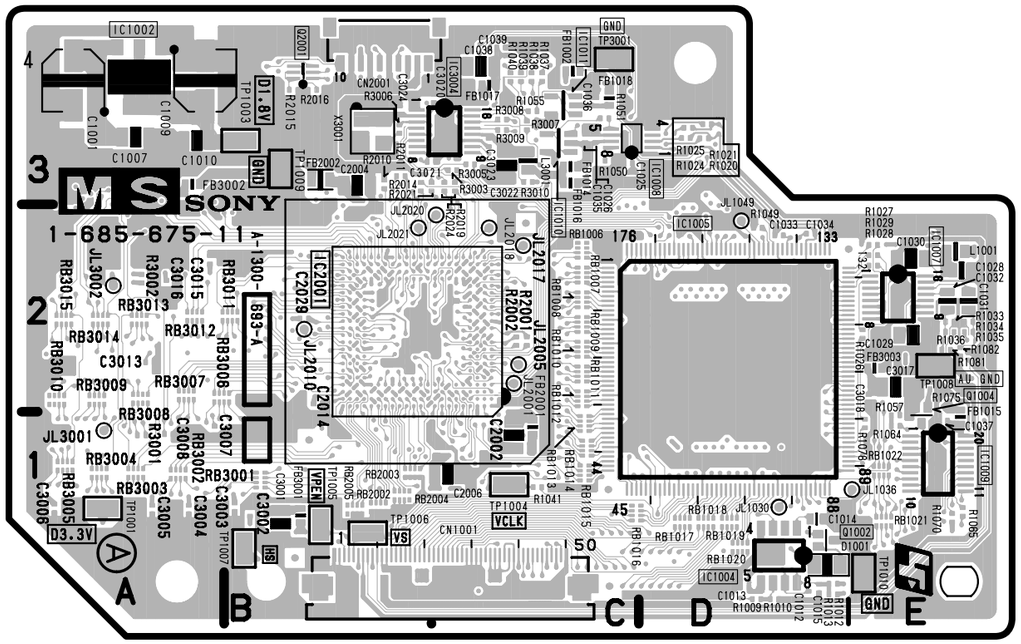


B-SS1735-MS-P1

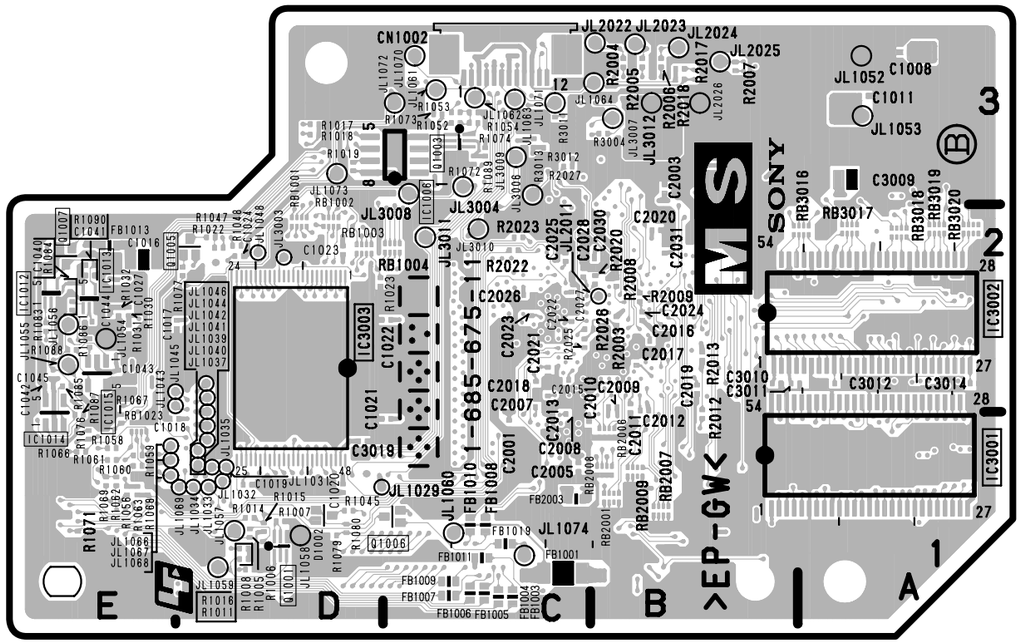

IC2001 (1/4) MB93401A
IC2001 (2/4) MB93401A
IC2001 (3/4) MB93401A
IC2001 (4/4) MB93401A
CN2001 10P WHT :SMD
Q2001 HN1B01FU-TE85R BUFF
MS (2/3)
B-SS1735-MS-P2



B-SS1735-MS-P3



MS -A SIDE-
SUFFIX: -11



MS -B SIDE-
SUFFIX: -11

MS board

*:B SIDE

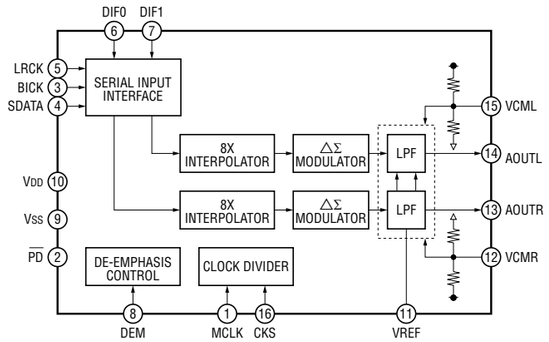
D1001 D-1
D1002 *D-1

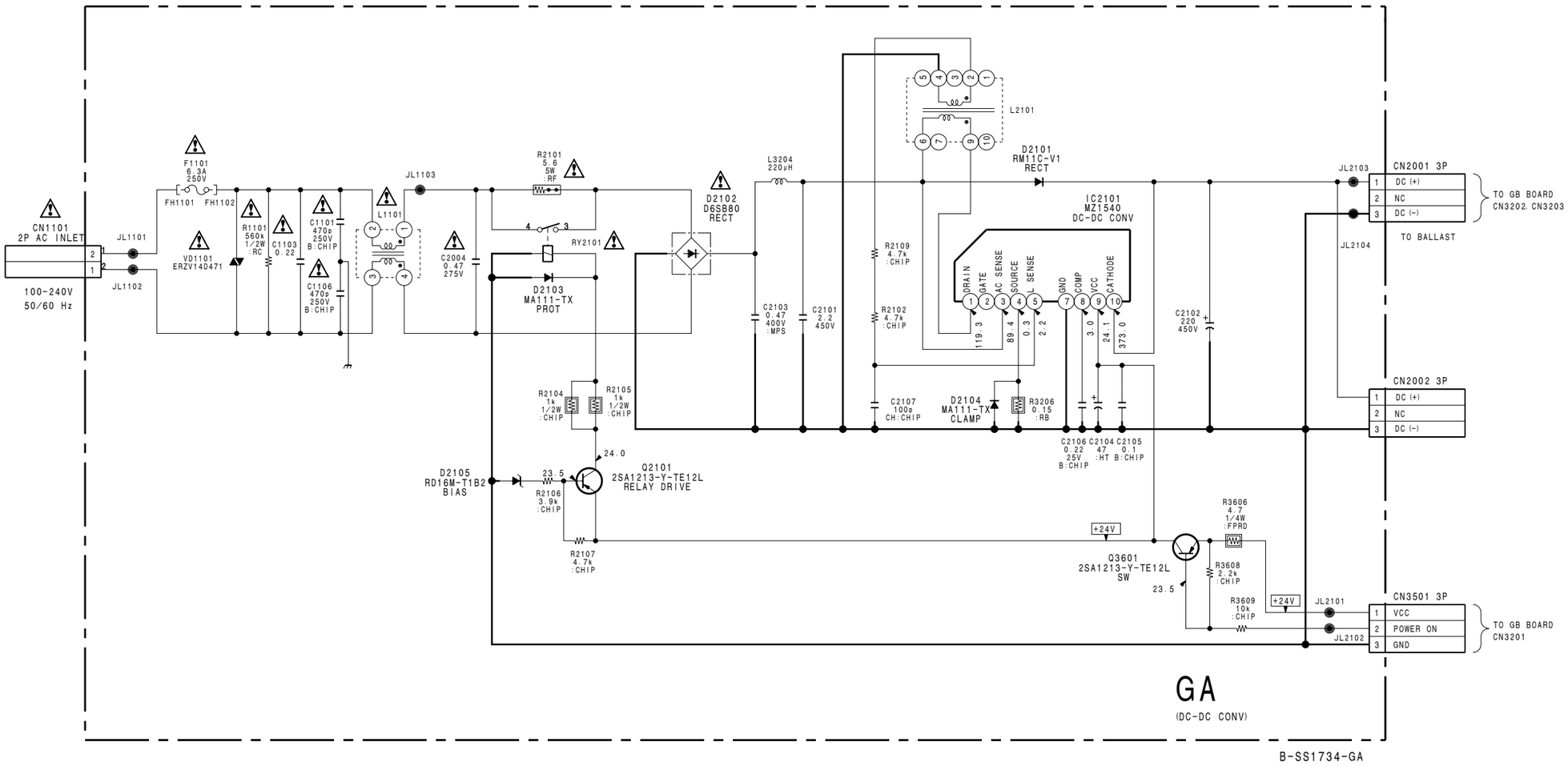
IC1002 A-3
IC1004 D-1
IC1005 D-2
IC1006 *C-3
IC1007 E-2
IC1008 D-3
IC1009 E-1
IC1010 C-2
IC1011 C-3
IC1012 *E-2
IC1013 *E-2
IC1014 *E-1
IC1015 *E-2
IC2001 B-2
IC3001 *A-1
IC3002 *A-2
IC3003 *D-2
IC3004 C-3

Q1001 *D-1
Q1002 D-1
Q1003 *C-3
Q1004 E-1
Q1005 *D-2
Q1006 *C-1
Q1007 *E-2
Q2001 B-3

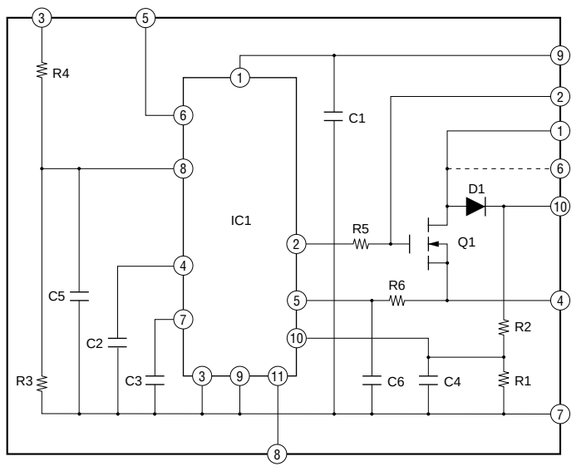
TP1001 A-1
TP1003 B-3
TP1004 C-1
TP1005 B-1
TP1006 B-1
TP1007 B-1
TP1008 E-2
TP1009 B-3
TP1010 E-1
TP3001 C-3

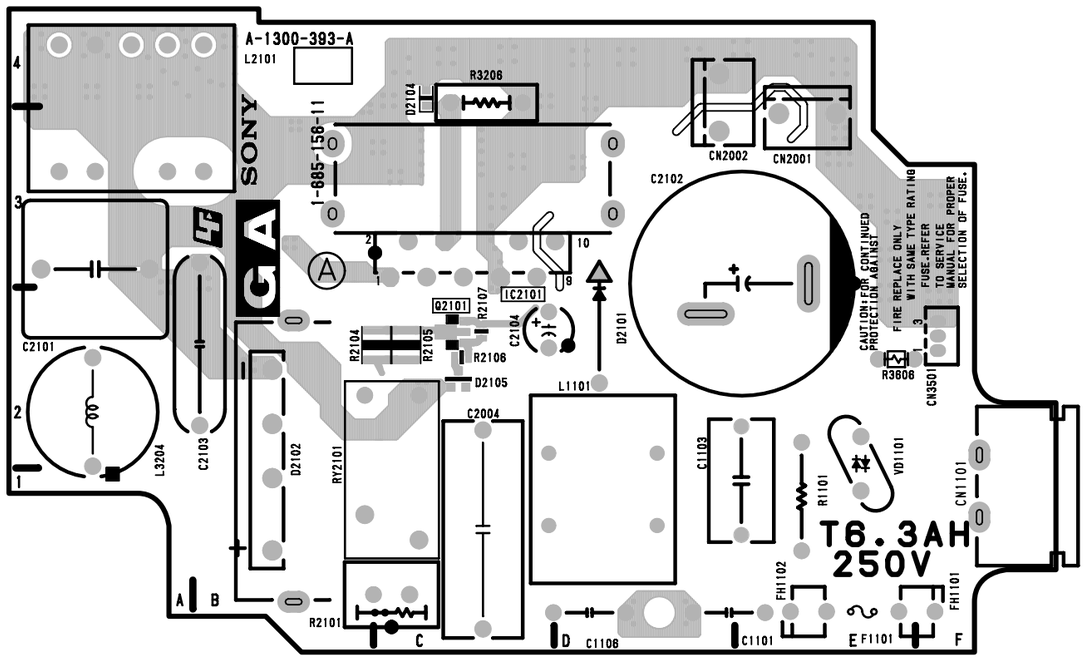
MS (1/3) AK4352VT-E2 (IC1007)





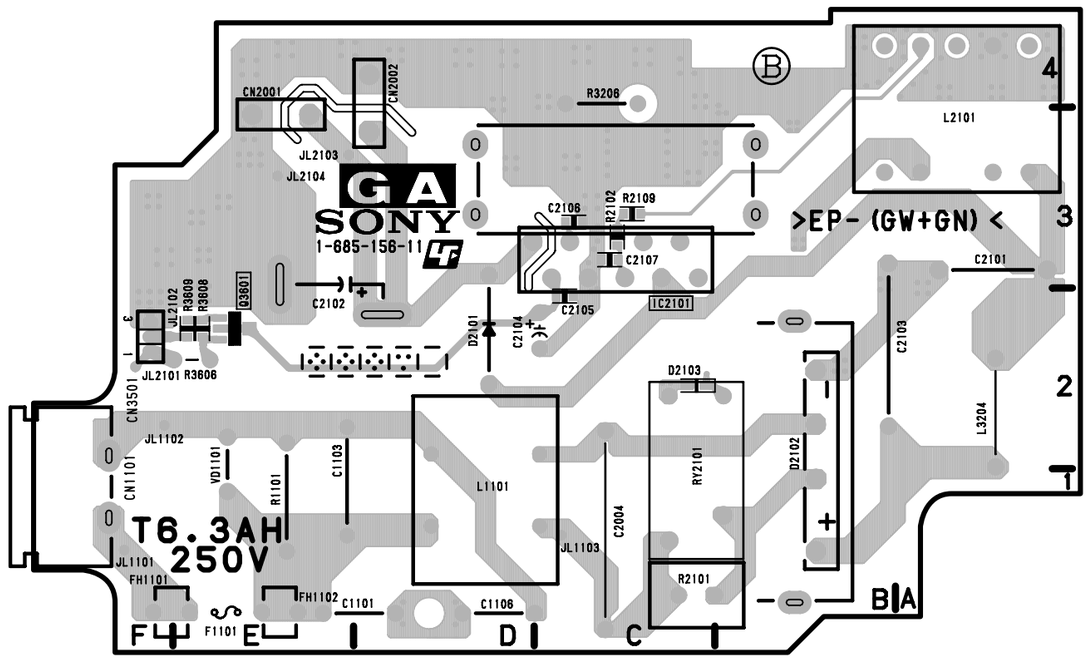
GA MZ1540 (IC2101)





GA -A SIDE-

SUFFIX: -11



GA -B SIDE-

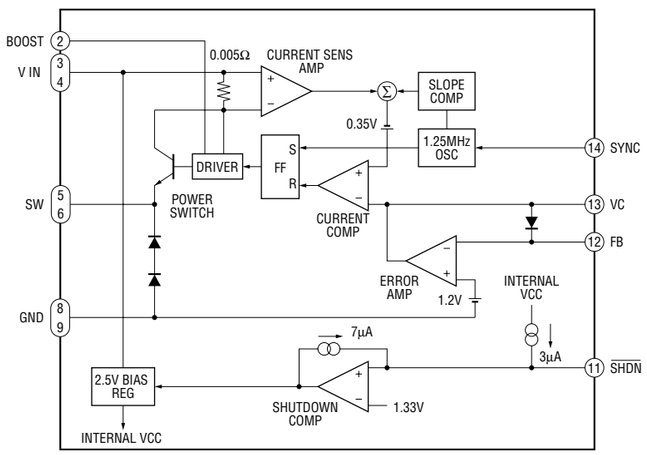
SUFFIX: -11

GA BOARD

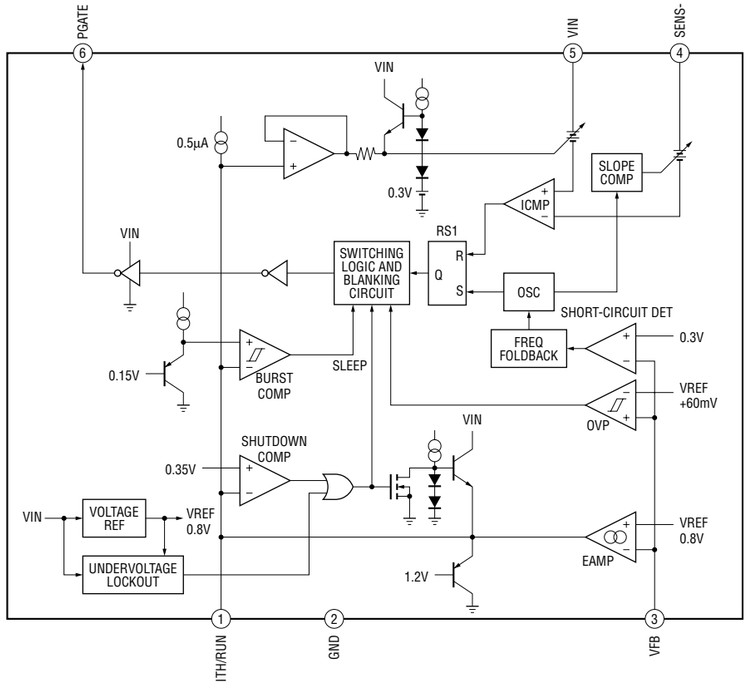
*:B SIDE

D2101		D-2
D2102		B-2
D2103	*	C-2
D2104		C-4
D2105		C-2
IC2101		C-2
Q2101		C-2
Q3601	*	E-2

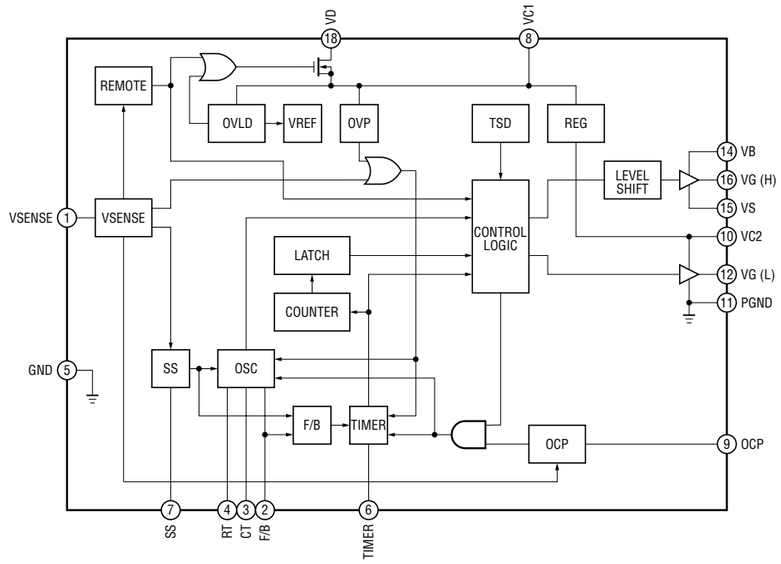
GB LT1765EFE (IC3201)



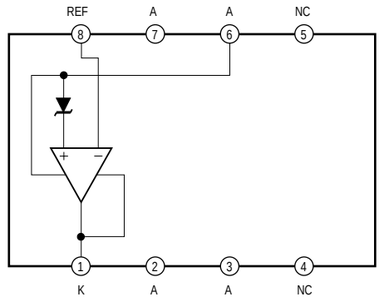
GB LTC1772CS6 (IC3202)

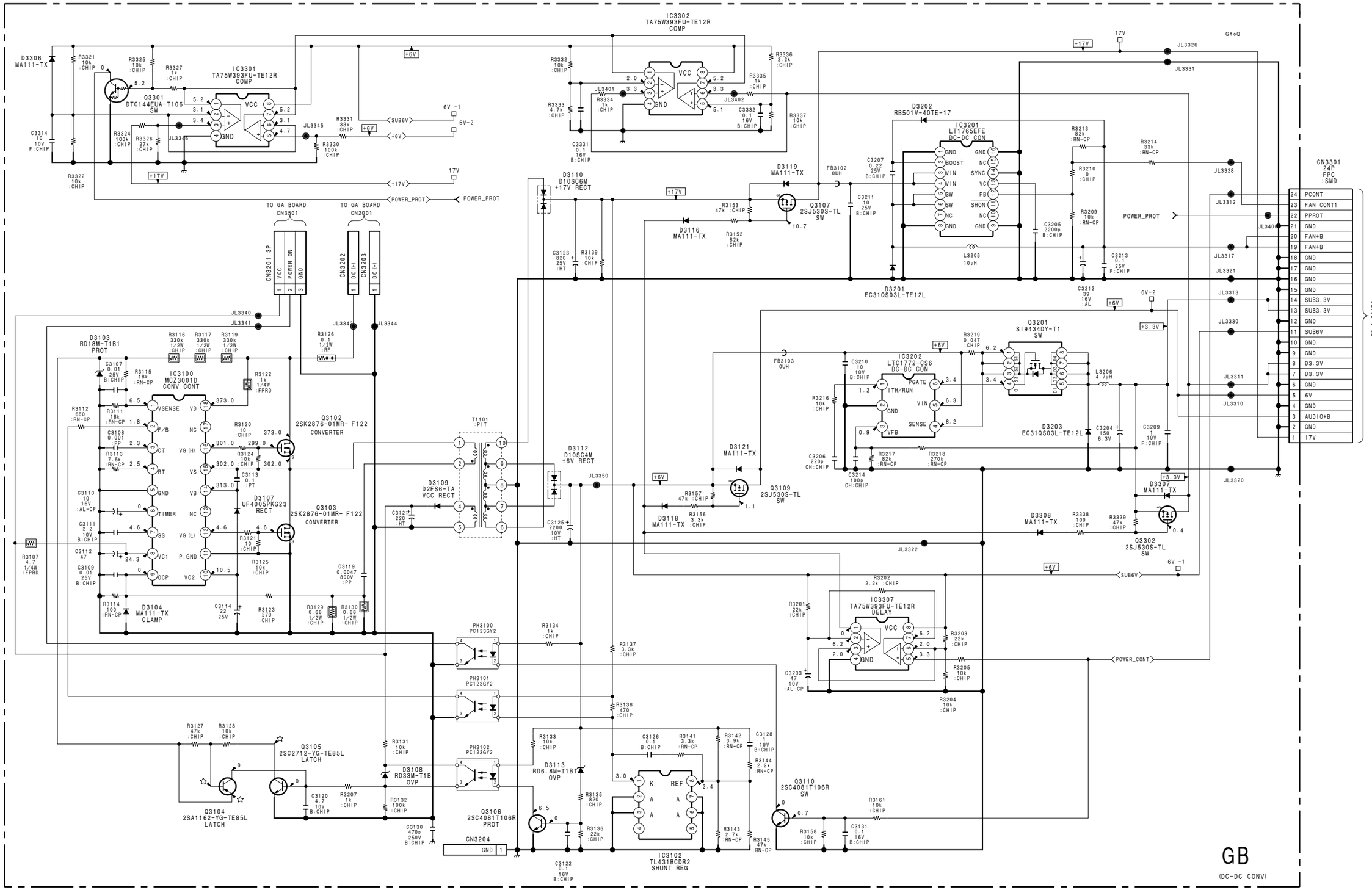


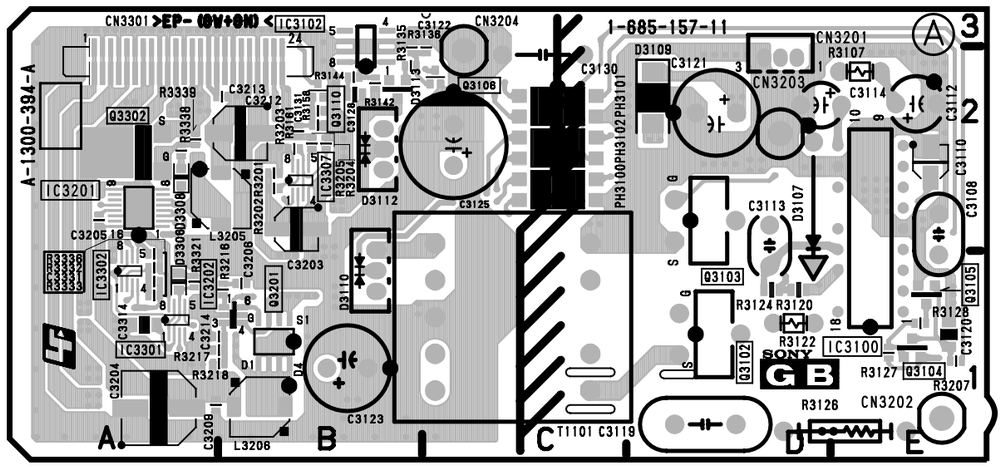
GB MCZ3001D (IC3100)



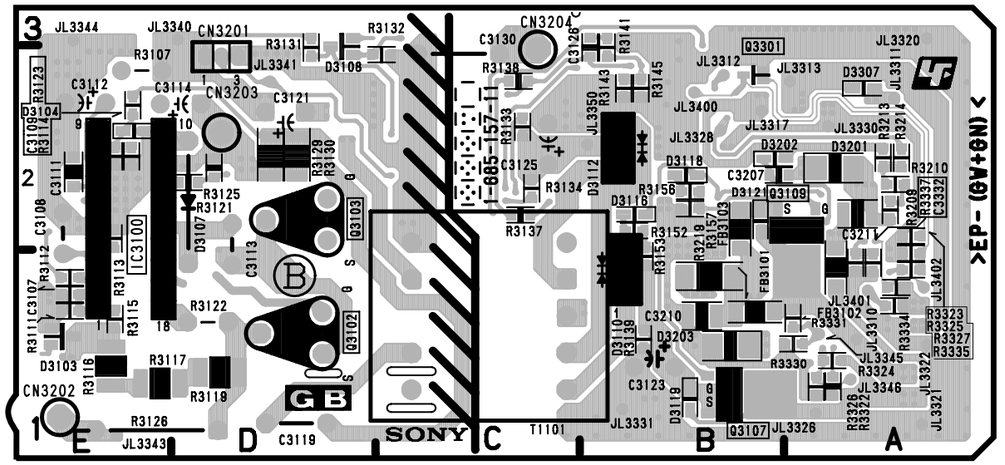
GB TL431BCDR2 (IC3102)




IC3302
TA75W393FU-TE12R
COMP
IC3301
TA75W393FU-TE12R
COMP
Q3301
DTC144EUA-T106
SW
D3306
MA111-TX
D3202
RB501V-40TE-17
IC3201
LT1765EFE
DC-DC CON
D3119
MA111-TX
Q3107
2SJ530S-TL
SW
D3110
D10SC6M
+17V RECT
D3116
MA111-TX
D3201
EC31QS03L-TE12L
CN3501
CN2001
CN3201 3P
VCC
POWER ON
GND
CN3202
DC (+)
CN3203
DC (-)
IC3100
MC23001D
CONV CONT
D3103
RD18M-T1B1
PROT
Q3102
2SK2876-01MR- F122
CONVERTER
Q3103
2SK2876-01MR- F122
CONVERTER
T1101
:PIT
D3104
MA111-TX
CLAMP
D3107
UF4005PKG23
RECT
D3109
D2FS6-TA
VCC RECT
D3112
D10SC4M
+6V RECT
D3121
MA111-TX
D3118
MA111-TX
Q3109
2SJ530S-TL
SW
Q3201
SI9434DY-T1
SW
IC3202
LTC1772-CS6
DC-DC CON
D3203
EC31QS03L-TE12L
D3307
MA111-TX
D3308
MA111-TX
Q3302
2SJ530S-TL
SW
IC3307
TA75W393FU-TE12R
DELAY
PH3100
PC123GY2
PH3101
PC123GY2
PH3102
PC123GY2
Q3105
2SC2712-YG-TE85L
LATCH
Q3104
2SA1162-YG-TE85L
LATCH
D3108
RD33M-T1B
OVP
D3113
RD6.8M-T1B1
OVP
Q3106
2SC4081T106R
PROT
CN3204
GND
IC3102
TL431BCDR2
SHUNT REG
Q3110
2SC4081T106R
SW
CN3301
24P
FPC
:SMD
TO C BOARD
CN904
PCONT
FAN CONT1
PPROT
FAN+B
SUB3.3V
SUB6V
AUDIO+B
17V
POWER_PROT
POWER_CONT
+17V
+6V
+3.3V
SUB6V
6V -1
6V -2
17V
GtoQ
GB
(DC-DC CONV)
B-SS1734-GB



GB -A SIDE-
SUFFIX: -11



GB -B SIDE-
SUFFIX: -11

GB BOARD
*:B SIDE

D3103	*	E-1
D3104	*	E-2
D3107		D-2
D3108	*	D-2
D3109		D-2
D3110		B-2
D3112		B-2
D3113		B-2
D3116	*	B-2
D3118	*	B-2
D3119	*	B-1
D3121	*	B-2
D3201	*	A-1
D3202	*	B-2
D3203	*	B-1
D3306		A-1
D3307	*	A-2
D3308		A-2
IC3100		E-1
IC3102		B-3
IC3201		A-2
IC3202		A-1
IC3301		A-1
IC3302		A-1
IC3307		B-2
Q3102		D-1
Q3103		D-1
Q3104		E-1
Q3105		E-1
Q3106		C-2
Q3107	*	B-1
Q3109	*	A-2
Q3110		B-2
Q3201		B-1
Q3301	*	B-2
Q3302		A-2

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA. Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

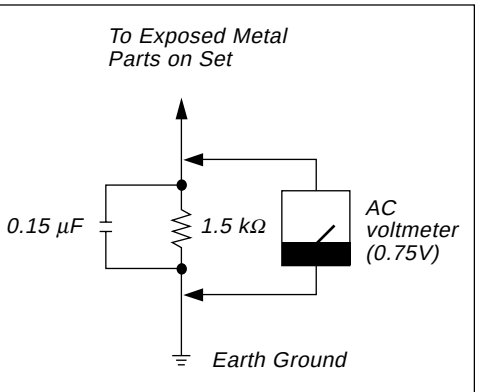


Fig A. Using an AC voltmeter to check AC leakage.

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